

FM 30-53

C-2

WAR DEPARTMENT

BASIC FIELD MANUAL



MILITARY INTELLIGENCE

IDENTIFICATION OF  
FRENCH NAVAL VESSELS

March 7, 1942

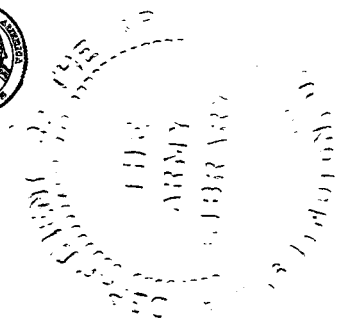
**FM 30-53**

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**IDENTIFICATION OF  
FRENCH NAVAL VESSELS**



**UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1942**

WAR DEPARTMENT,  
WASHINGTON, March 7, 1942.

FM 30-53, Military Intelligence, Identification of French Naval Vessels, is published for the information and guidance of all concerned.

[A. G. 062.11 (1-22-42).]

BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL.

*Chief of Staff.*

OFFICIAL:

J. A. ULIO,

*Major General,*

*The Adjutant General.*

DISTRIBUTION:

(For explanation of symbols see FM 21-6.)

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FM 30-53

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FM 30-53

## **BASIC FIELD MANUAL**

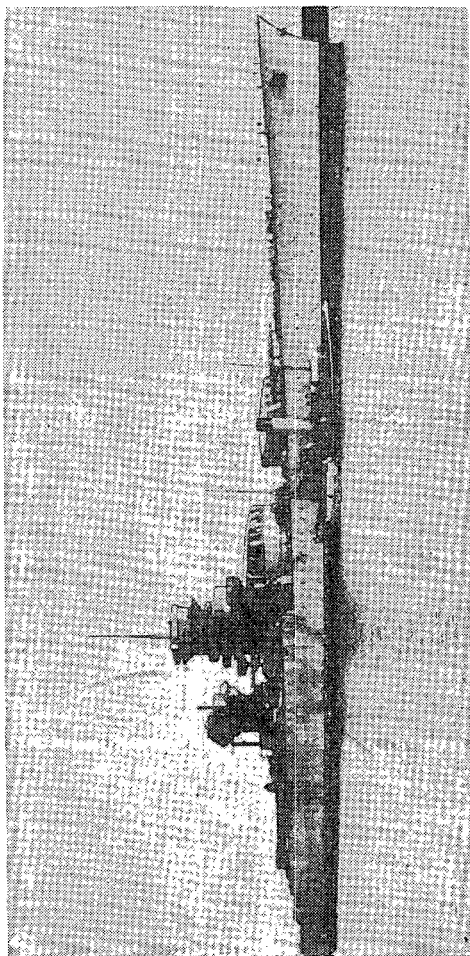
### **MILITARY INTELLIGENCE**

#### **IDENTIFICATION OF FRENCH NAVAL VESSELS**

The material contained in this manual has been secured from many sources. It is the best material available but may be incomplete.

This manual, containing illustrations with explanatory data relative to French naval vessels, is published for limited distribution. It will be used for instruction of officers and men in the appearance and general characteristics of French naval vessels and will be safeguarded as prescribed in AR 380-5.

FRENCH  
NAVY



Battleship JEAN BART (June 23, 1940—partially completed)

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Battleships RICHELIEU CLASS (2 ships)



Battleship JEAN BART (as of December 1940)

*Under French control*  
RICHELIEU (damaged)  
JEAN BART (77 percent completed)

### Description:

Displacement, 35,000 tons (standard).  
Length, 794 feet.  
Beam, 108 $\frac{1}{4}$  feet.  
Draft, 26 $\frac{1}{2}$  feet (mean).  
Speed, 31.5 knots.

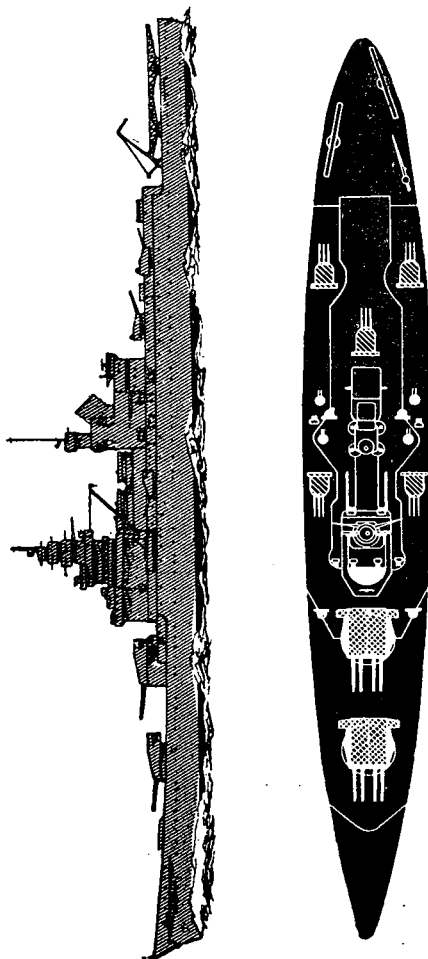
Guns:           8   15-inch.  
              15   6-inch.  
              12   37-mm AA.  
              24   caliber .50 AA MG.

Torpedo tubes: None.

Aircraft:       4.

Catapults:     2.

FRENCH  
NAVY

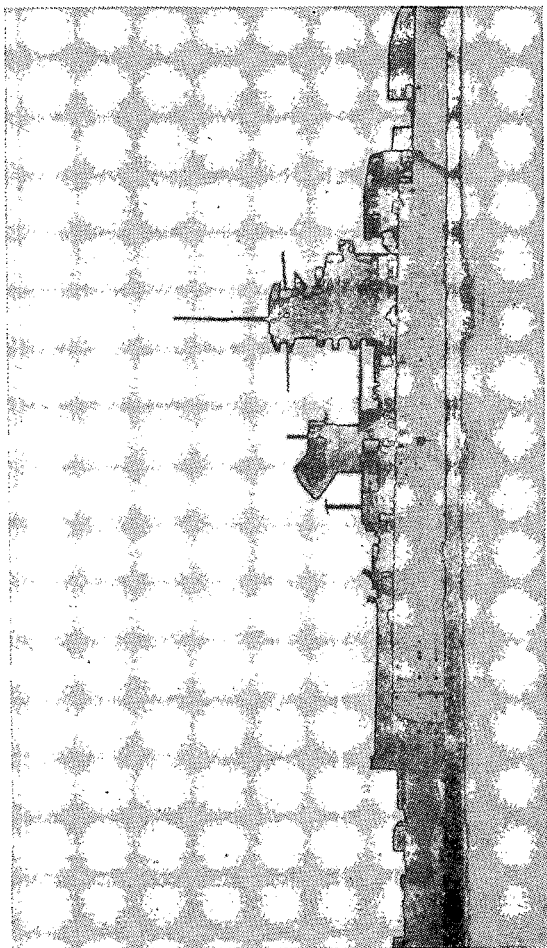


Battleships RICHELIEU and JEAN BART



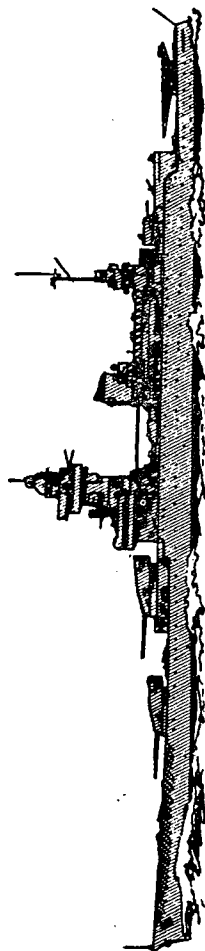
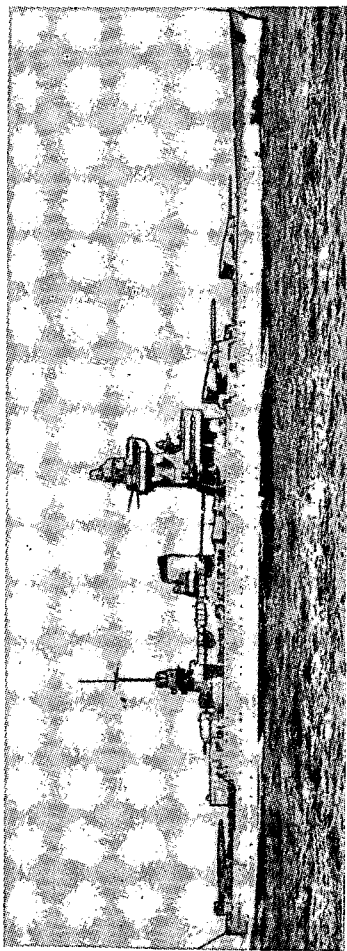
IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleships  
RICHELIEU CLASS



Battleship JEAN BART (June 1940)

FRENCH  
NAVY



Battleship STRASBOURG

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Battleships DUNKERQUE CLASS (2 ships)



Battleship DUNKERQUE



DUNKERQUE CLASS

*Under French control*  
DUNKERQUE (damaged)  
STRASBOURG

Description: Displacement, 26,500 tons (standard).  
Length, 702 feet (over all).  
Beam, 101 $\frac{3}{4}$  feet.  
Draft, 28 feet (mean).  
Speed, 29.5 knots.

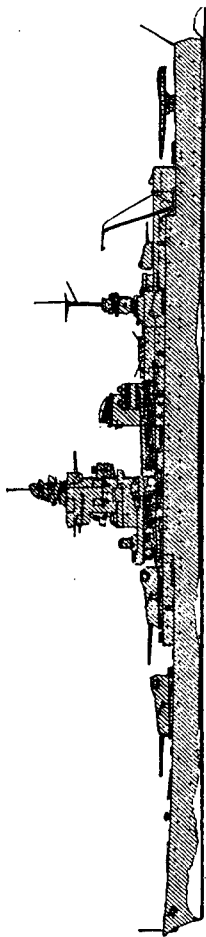
Guns: 8 13-inch.  
16 5.1-inch (dual purpose).  
4 47-mm.  
10 37-mm AA.  
32 caliber .50 AA MG.

Torpedo tubes: None.

Aircraft: 4.

Catapults: 1 (on quarter-deck).

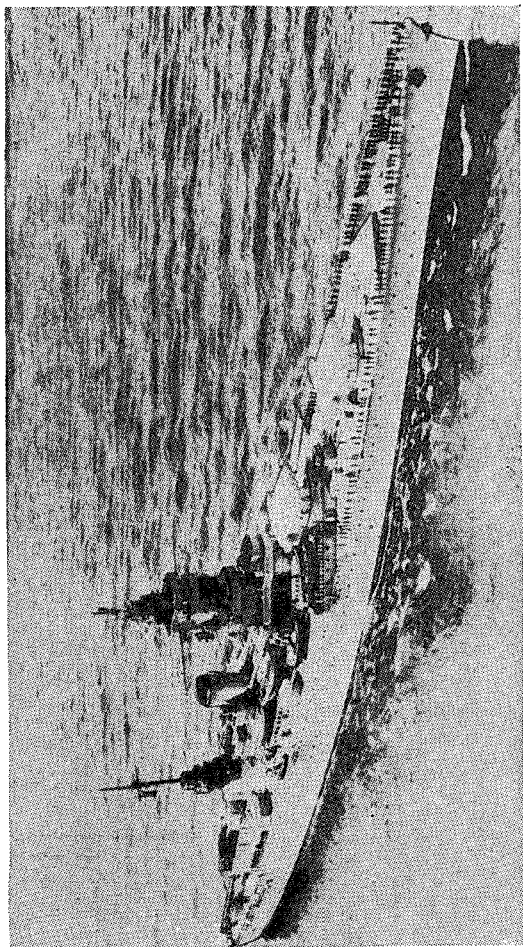
FRENCH  
NAVY



Battleship DUNKERQUE

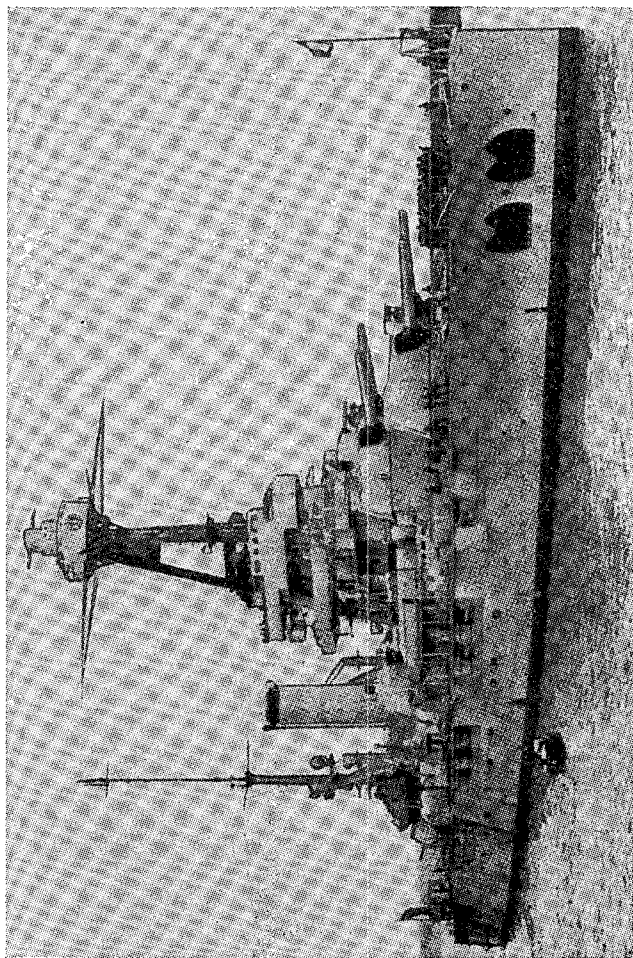
IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleships  
DUNKERQUE CLASS



Battleship DUNKERQUE

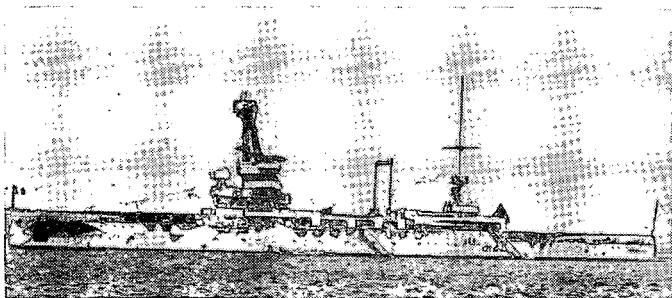
FRENCH  
NAVY



Battleship PROVENCE

## IDENTIFICATION OF FRENCH NAVAL VESSELS

### Battleship PROVENCE



Battleship PROVENCE

*Under French control*  
PROVENCE

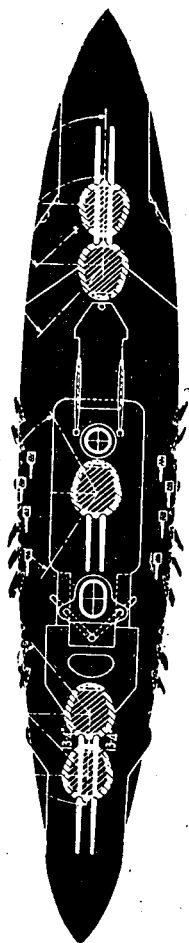
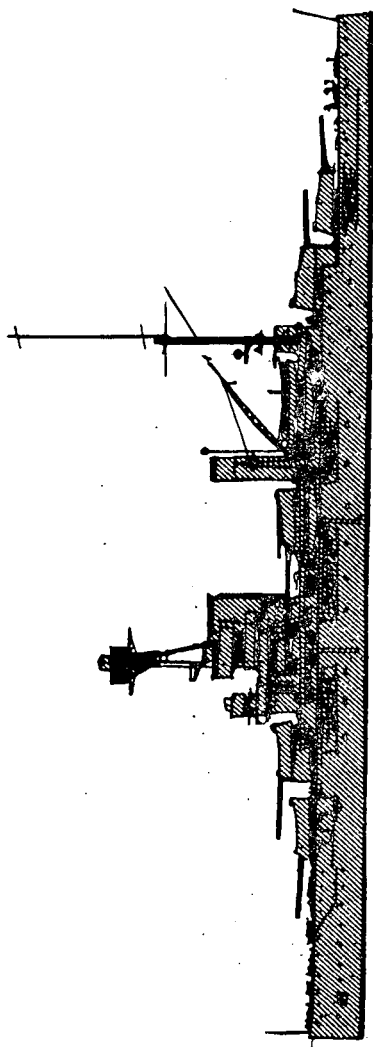
Description: Displacement, 22,189 tons (standard).  
Length, 544½ feet (over all).  
Beam, 88½ feet.  
Draft, 32 feet (maximum).  
Speed, 21.4 knots.

Guns: 10 13.4-inch.  
14 5.4-inch.  
8 3-inch AA.  
12 Caliber .50 AA MG.

Torpedo tubes: 2 bow; 2 stern; 1 each side.

Aircraft: 4.

FRENCH  
NAVY

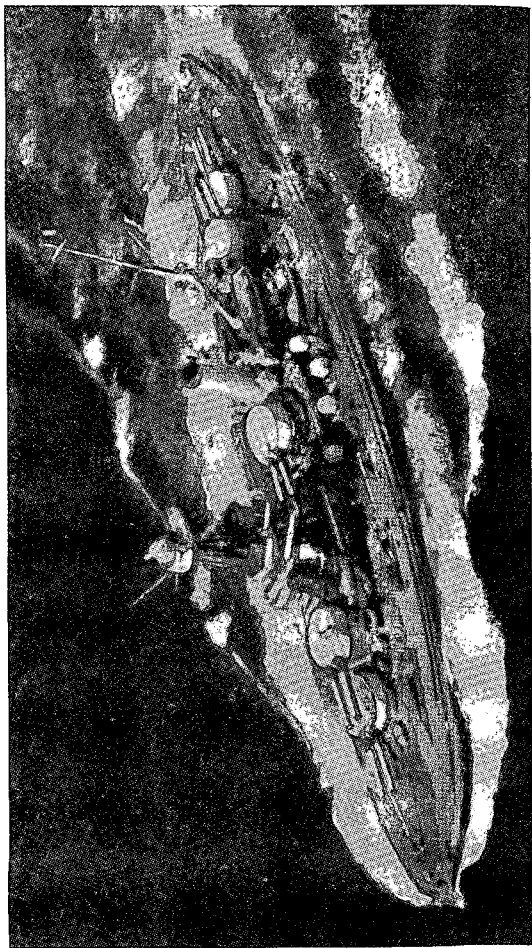


Battleship PROVENCE



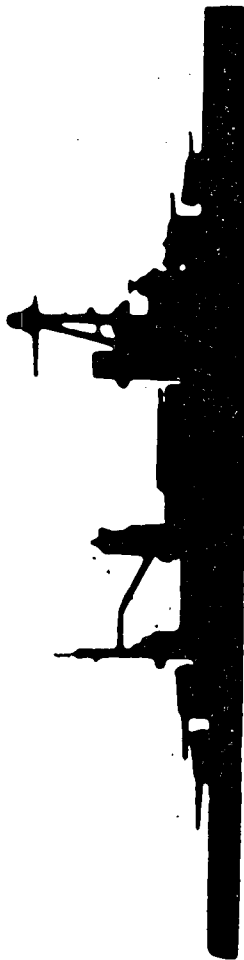
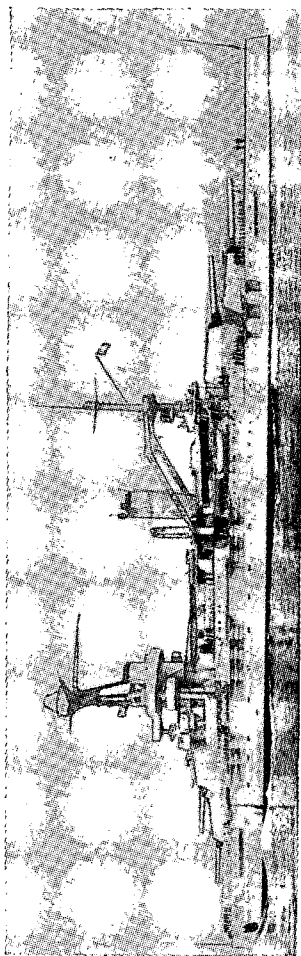
IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleship  
PROVENCE



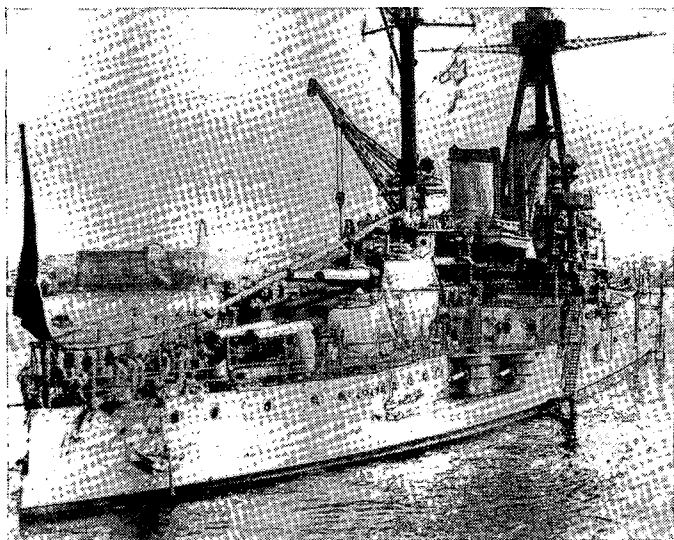
Battleship PROVENCE

FRENCH  
NAVY



Battleship LORRAINE

Battleship  
LORRAINE



Battleship LORRAINE

*Not under French control*  
LORRAINE

Description: Displacement, 22,189 tons (standard).  
Length, 544½ feet (over all).  
Beam, 88½ feet.  
Draft, 32 feet (maximum).  
Speed, 21.4 knots.

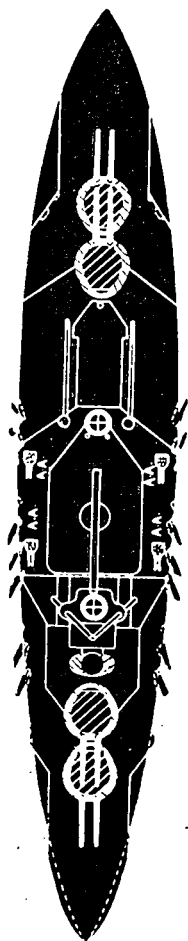
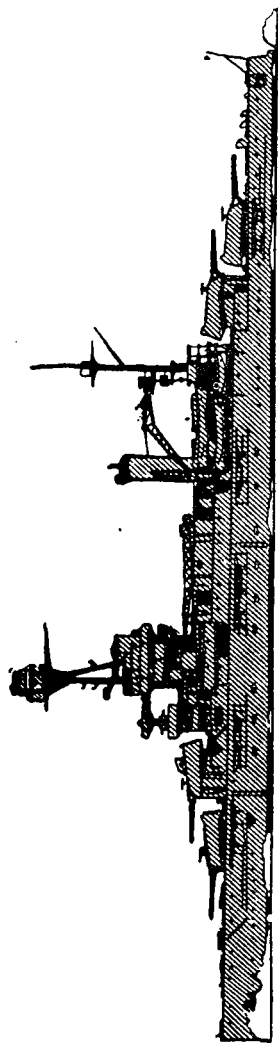
Guns: 8 13.4-inch.  
14 5.4-inch.  
8 3.9-inch AA.  
8 caliber .50 AA MG.

Torpedo tubes: 2 bow; 2 stern; 1 each side.

Aircraft: 4

Catapults: 1

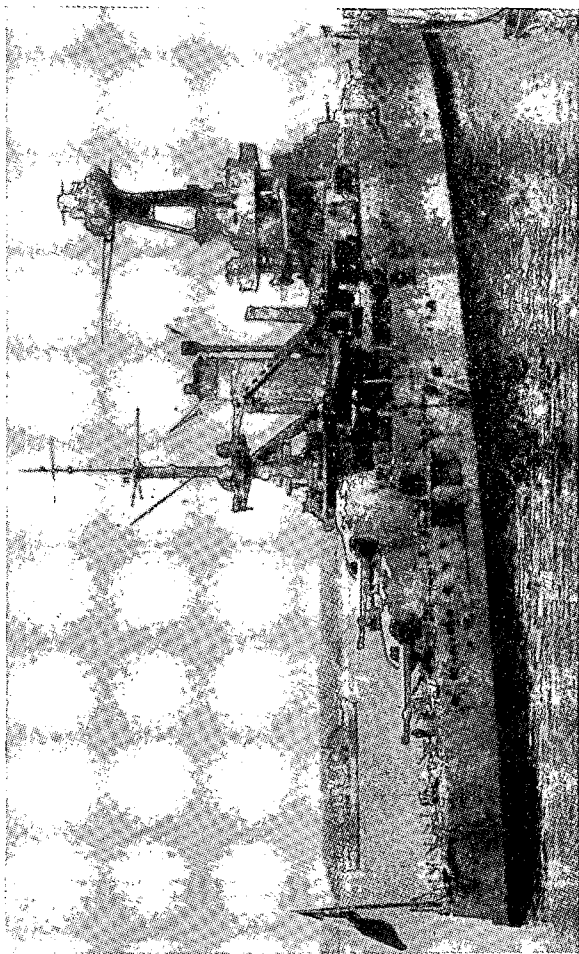
FRENCH  
NAVY



Battleship LORRAINE

IDENTIFICATION OF FRENCH NAVAL VESSELS

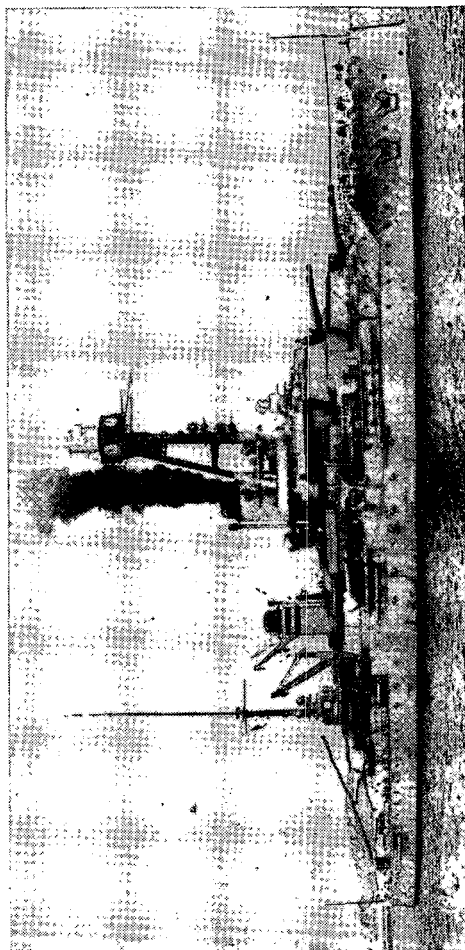
Battleship  
LORRAINE



Battleship LORRAINE

MILITARY INTELLIGENCE

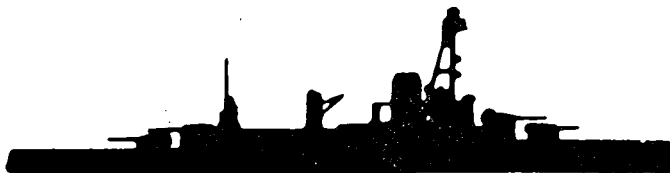
FRENCH  
NAVY



Battleship COURBET

IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleships  
PARIS CLASS  
(2 ships)



Battleships PARIS CLASS

*Not under French control*  
PARIS  
COURBET

Description: Displacement, 22,189 tons (standard).  
Length, 551 feet (over all).  
Beam, 92½ feet.  
Draft, 32½ feet (maximum).  
Speed, 21.4 knots.

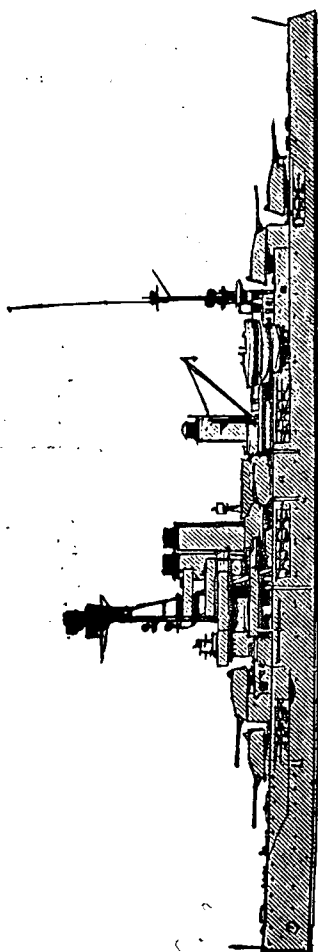
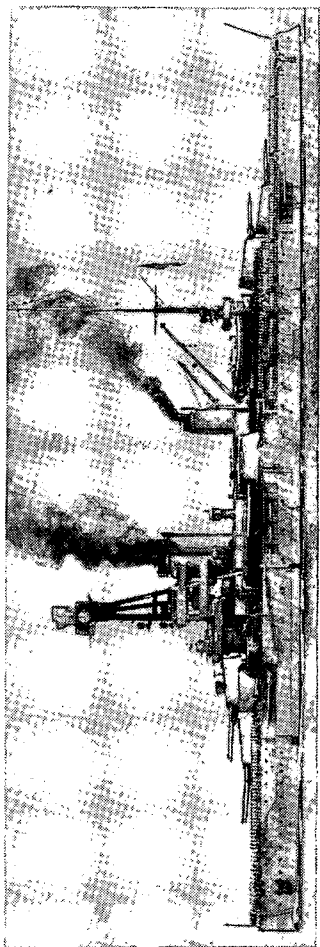
Guns: 12 12-inch.  
22 5.4-inch.  
7 3-inch AA.  
2 47-mm AA.

Torpedo tubes: 2 bow; 2 stern; 1 each side.

Aircraft: 4.

THE ARMY LIBRARY  
WASHINGTON, D. C.

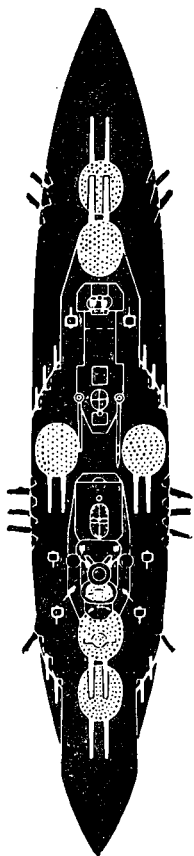
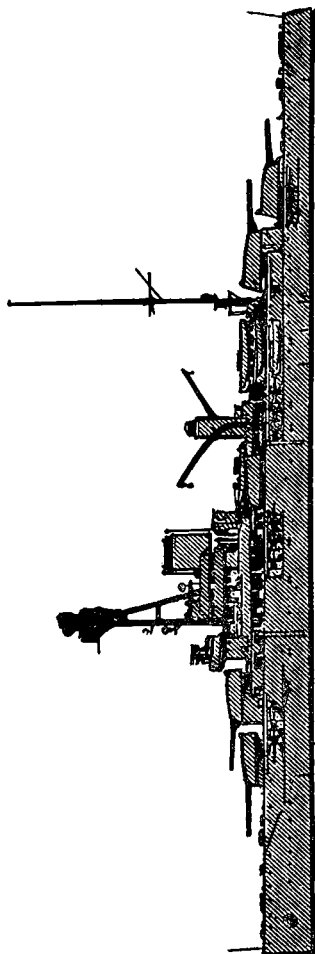
FRENCH  
NAVY



Battleship PARIS

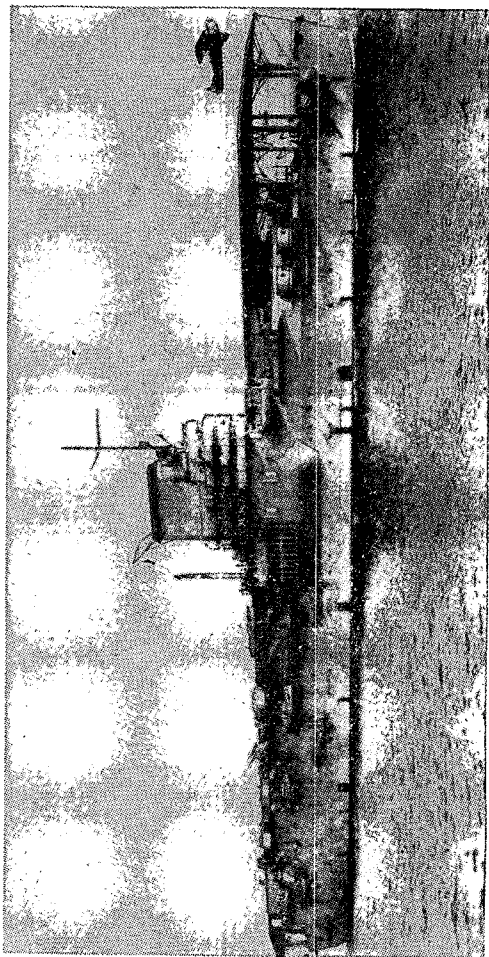


Battleships  
PARIS CLASS



Battleship COURBET (cranes should be as in PARIS, not as shown)

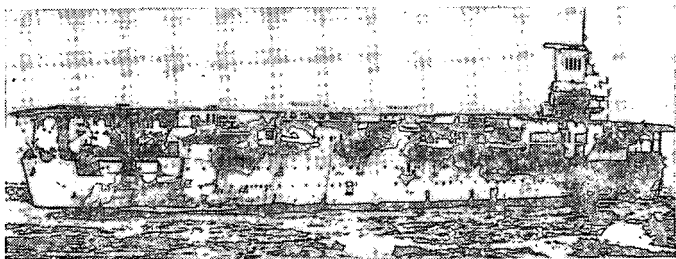
FRENCH  
NAVY



Aircraft Carrier BÉARN

IDENTIFICATION OF FRENCH NAVAL VESSELS

Aircraft Carrier  
BÉARN



Aircraft Carrier BÉARN

*Under French control*  
BÉARN

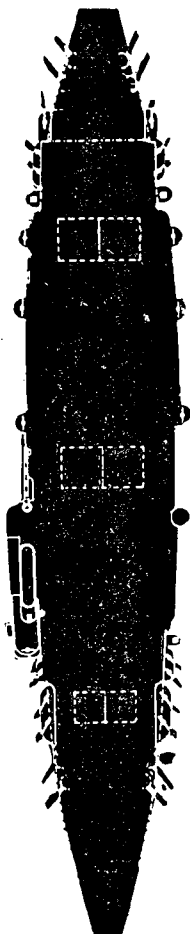
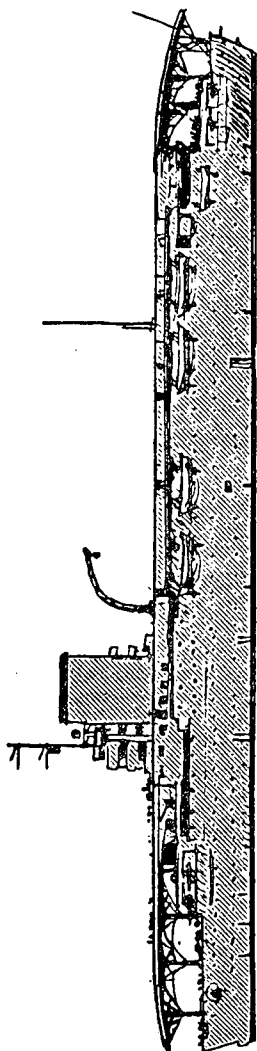
Description: Displacement, 22,146 tons (standard).  
Length, 599 feet (over all).  
Beam, 89 feet (115½ feet, extreme).  
Draft, 30½ feet (maximum).  
Speed, 21.5 knots.

Guns: 8 6.1-inch.  
6 3-inch AA.  
8 37-mm AA.

Torpedo tubes: 4 21.7-inch.

Aircraft: 36 to 48.

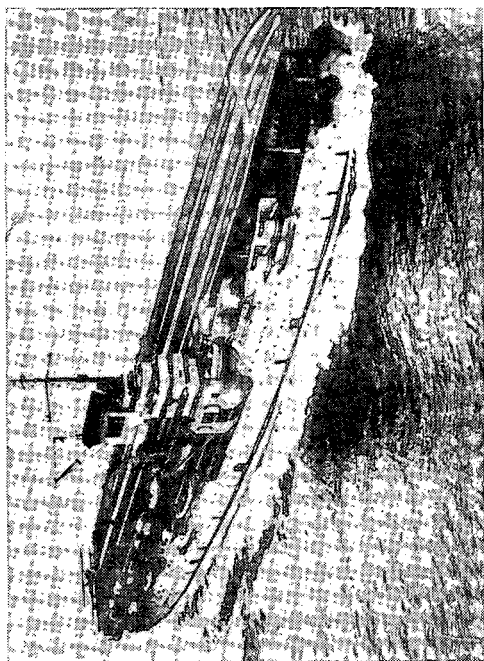
FRENCH  
NAVY



Aircraft Carrier BÉARN

IDENTIFICATION OF FRENCH NAVAL VESSELS

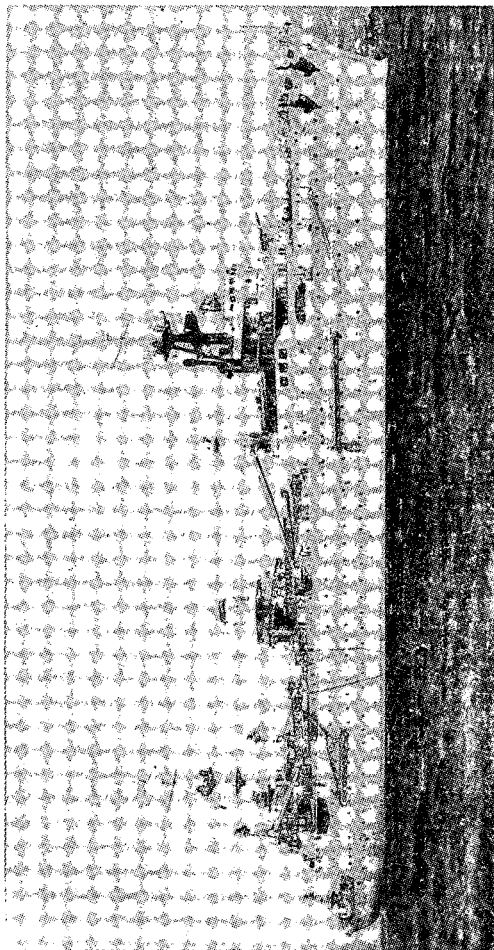
Aircraft Carrier  
BÉARN



Aircraft Carrier BÉARN

MILITARY INTELLIGENCE

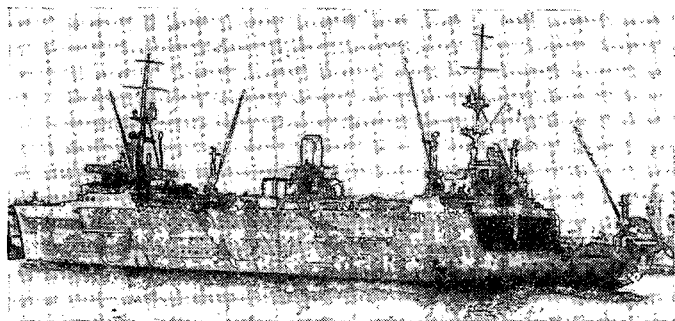
FRENCH  
NAVY



Seaplane Tender COMMANDANT TESTE

## IDENTIFICATION OF FRENCH NAVAL VESSELS

### Seaplane Tender COMMANDANT TESTE



Seaplane Tender COMMANDANT TESTE

*Under French control*  
COMMANDANT TESTE

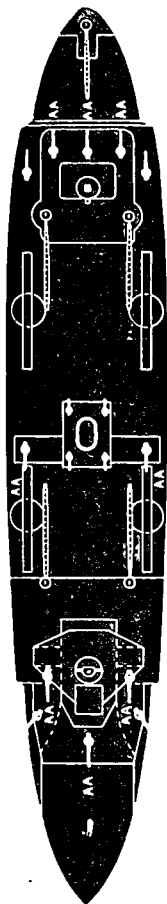
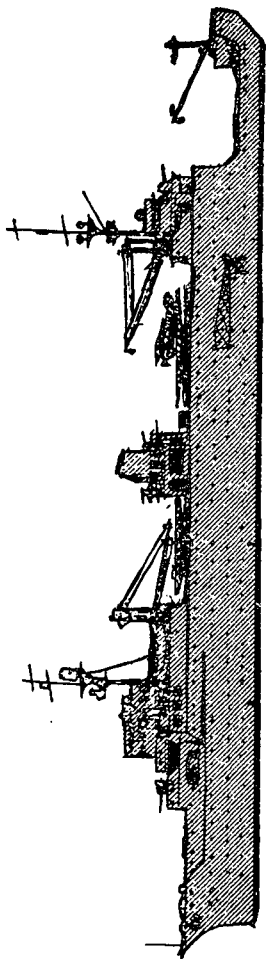
Description:      Displacement, 10,000 tons (standard).  
                         Length, 558 feet (over all).  
                         Beam, 71½ feet (88½ feet, extreme).  
                         Draft, 22¾ feet.  
                         Speed, 20.5 knots.

Guns:                12    3.9-inch AA.  
                         8     1.50-inch AA.  
                         12   caliber .50 AA MG.

Aircraft:           26.

Catapults:         4.

FRENCH  
NAVY

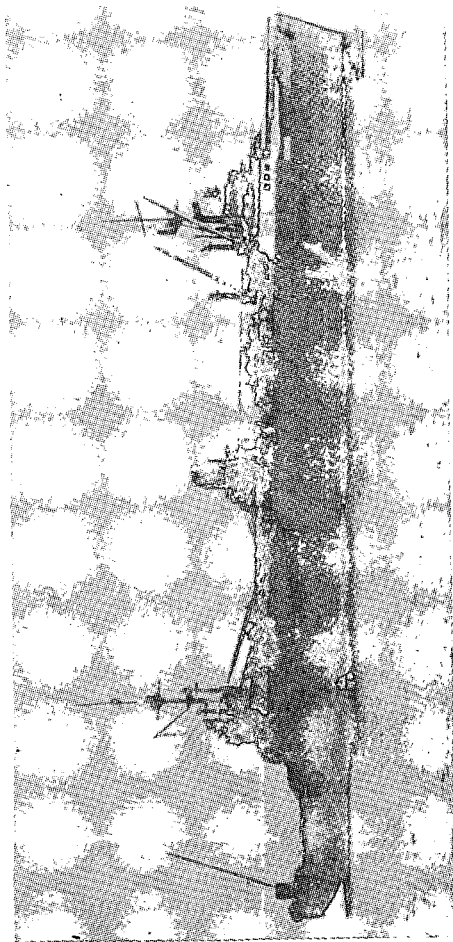


Seaplane Tender COMMANDANT TESTE



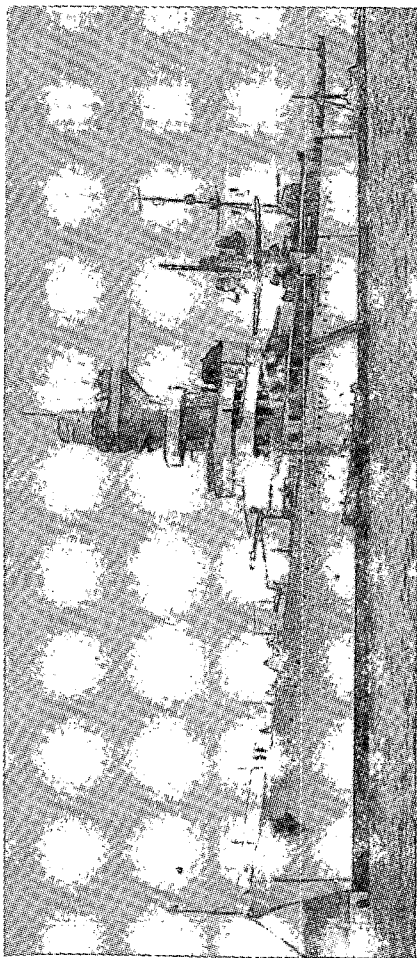
IDENTIFICATION OF FRENCH NAVAL VESSELS

Seaplane Tender  
COMMANDANT TESTE



Seaplane Tender COMMANDANT TESTE

FRENCH  
NAVY



Heavy Cruiser ALGÉRIE

IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruiser  
ALGÉRIE



Heavy Cruiser ALGÉRIE

*Under French control*  
ALGÉRIE

Description: Displacement, 10,000 tons (standard).  
Length, 617 feet (over all).  
Beam, 65 $\frac{2}{3}$  feet.  
Draft, 24 feet (maximum).  
Speed, 32 knots.

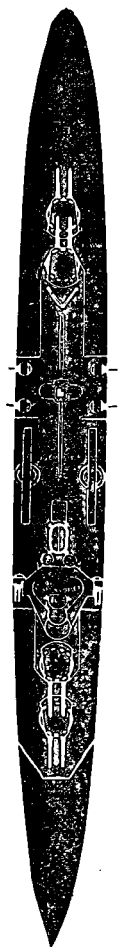
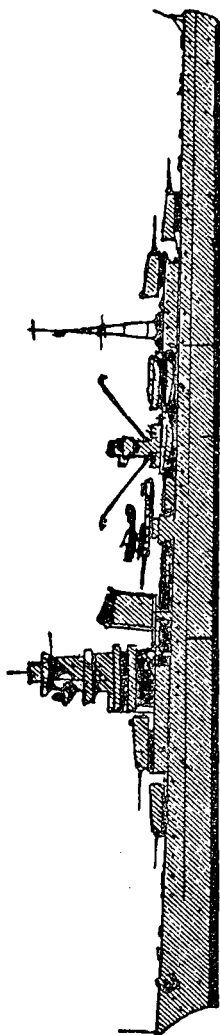
Guns: 8 8-inch.  
12 3.9-inch AA.  
8 37-mm AA.  
16 caliber .50 AA MG.

Torpedo tubes: 6 21.7-inch (tripled).

Aircraft: 3.

Catapults: 2.

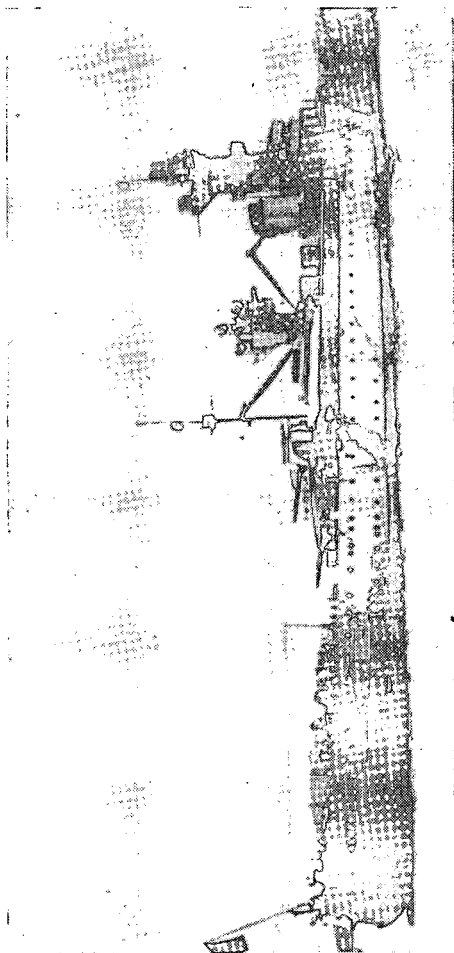
FRENCH  
NAVY



Heavy Cruiser ALGÉRIE

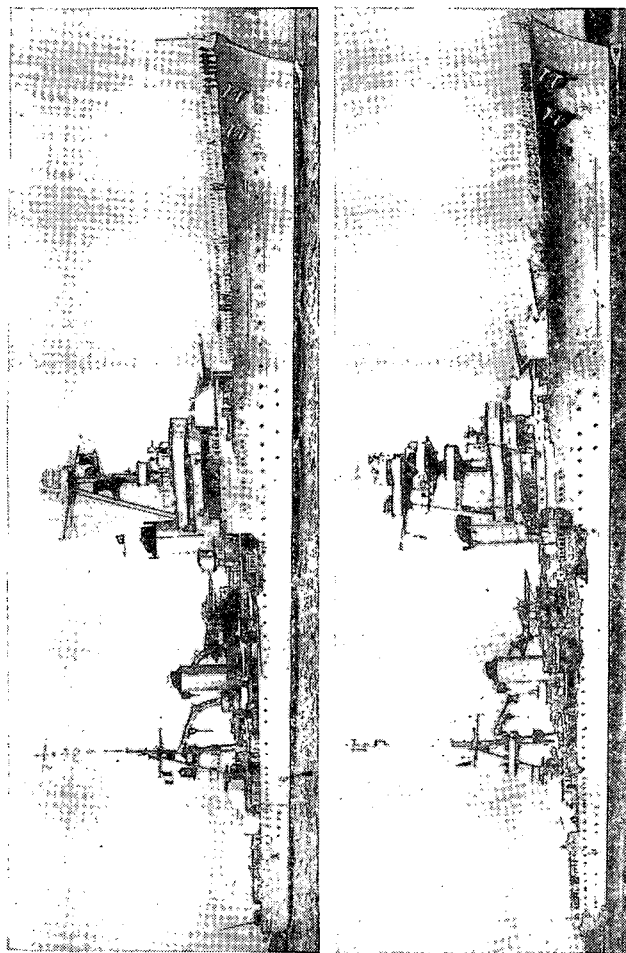
IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruiser  
ALGÉRIE



Heavy Cruiser ALGÉRIE

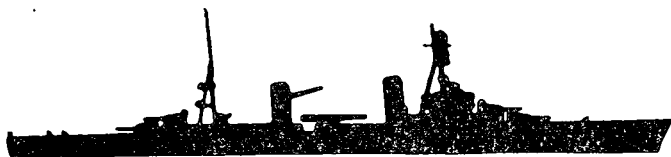
FRENCH  
NAVY



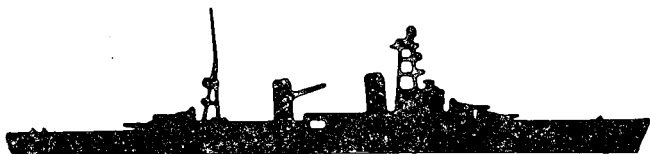
Heavy Cruisers DUPLEX (upper) and FOCH (lower)

## IDENTIFICATION OF FRENCH NAVAL VESSELS

### Heavy Cruisers COLBERT CLASS



Heavy Cruisers DUPLEIX and COLBERT



Heavy Cruiser FOCH

*Under French control*  
DUPLEIX  
FOCH  
COLBERT

Description: Displacement, 10,000 tons (standard).  
Length, 637 feet (over all).  
Beam, 63½ feet.  
Draft, 24½ feet (maximum).  
Speed, 32 knots.

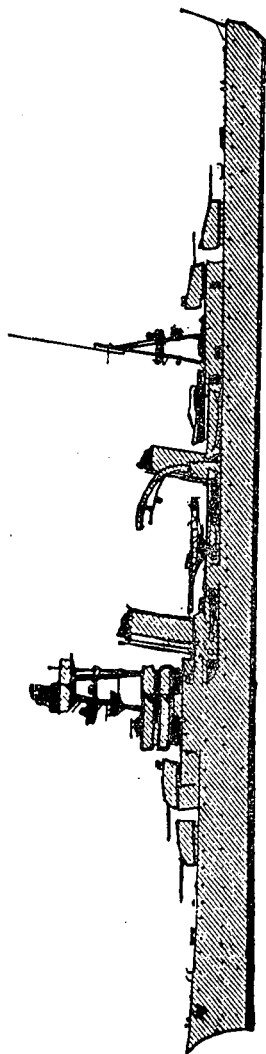
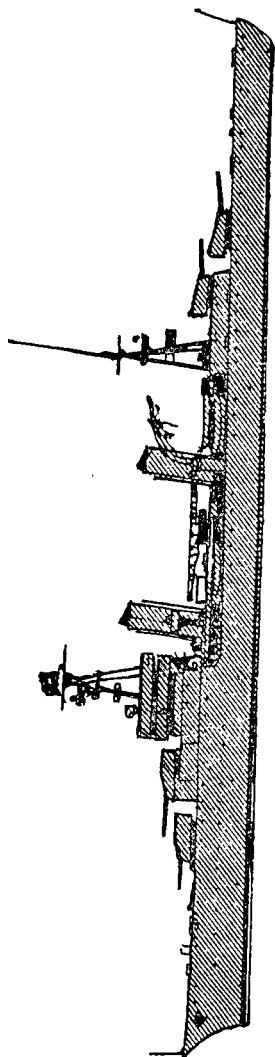
Guns: 8 8-inch.  
8 3.5-inch AA.  
8 37-mm AA.  
16 caliber .50 AA MG.

Torpedo tubes: 6 21.7-inch (tripled).

Aircraft: 3.

Catapults: 2.

FRENCH  
NAVY

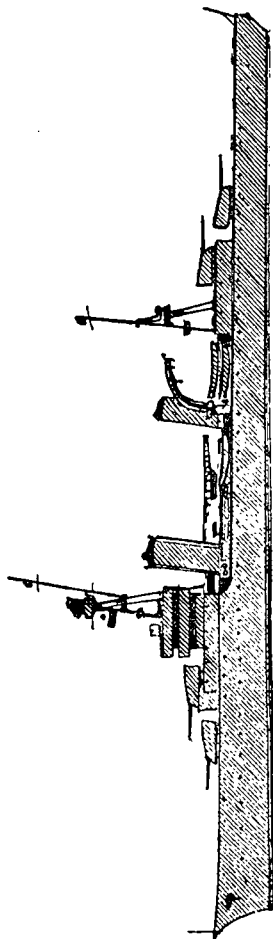
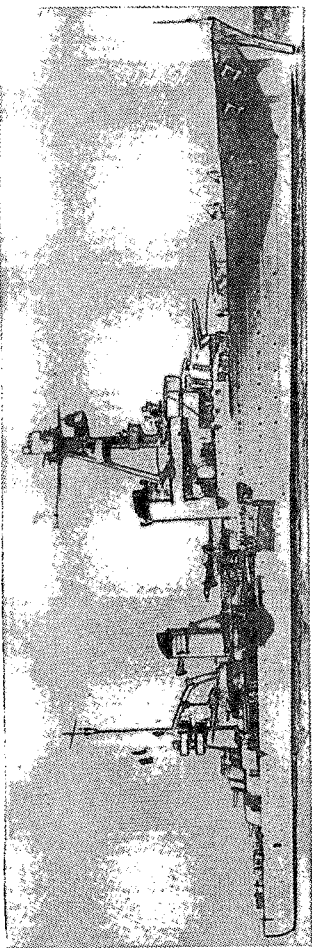


Heavy Cruisers DUPLIX (upper) and FOCH (lower)



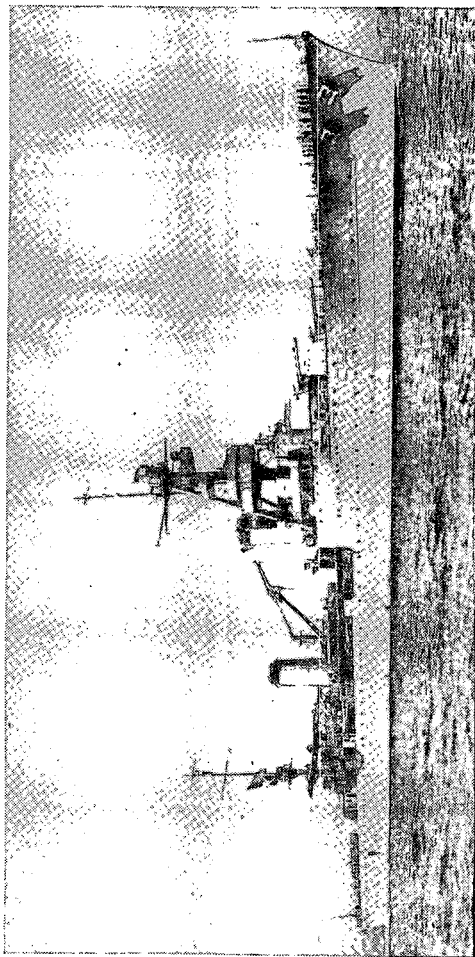
IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruisers  
COLBERT CLASS



Heavy Cruiser COLBERT

FRENCH  
NAVY



Heavy Cruiser SUFFREN

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Heavy Cruiser SUFFREN

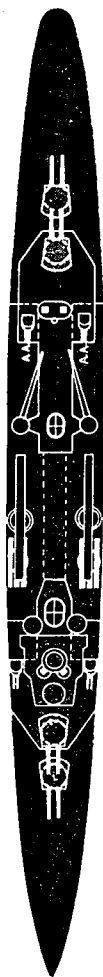
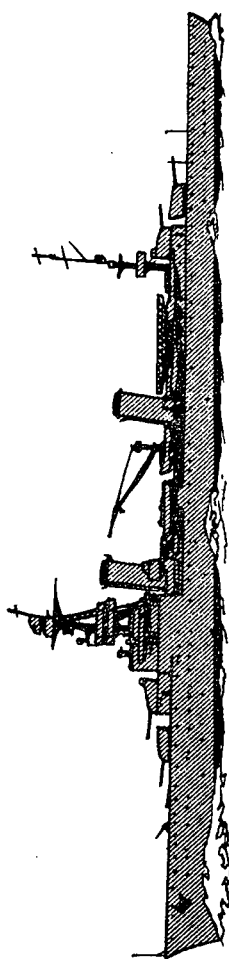


Heavy Cruiser SUFFREN

*Not under French control*  
SUFFREN

- Description: Displacement, 10,000 tons (standard).  
Length, 643 feet (over all).  
Beam, 65 $\frac{2}{3}$  feet.  
Draft, 24 $\frac{1}{2}$  feet (maximum).  
Speed, 32 knots.
- Guns: 8 8-inch.  
8 3-inch AA.  
8 37-mm AA.  
12 caliber .50 AA MG.
- Torpedo tubes: 6 21.7-inch (tripled).
- Aircraft: 3.
- Catapults: 2.
- Appearance note: Similar in design to COLBERT CLASS.

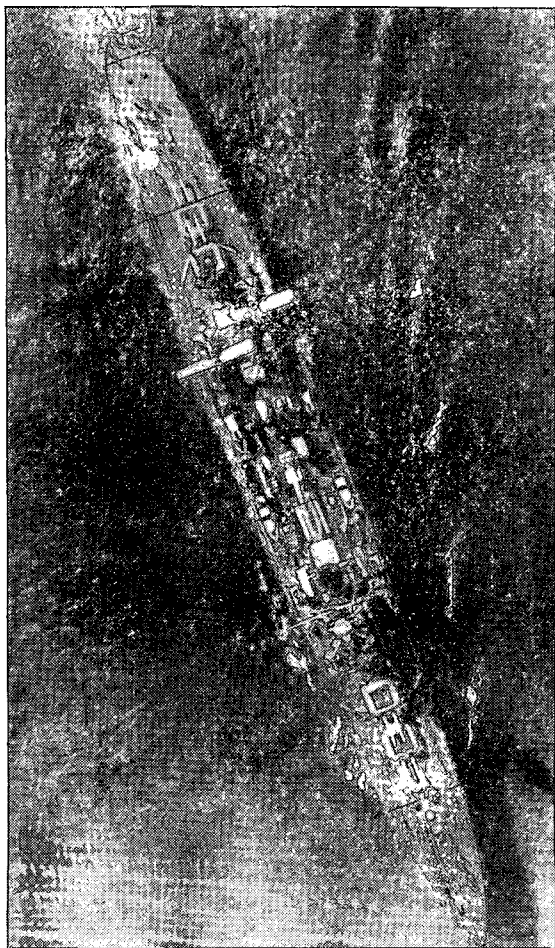
FRENCH  
NAVY



Heavy Cruiser SUFFREN

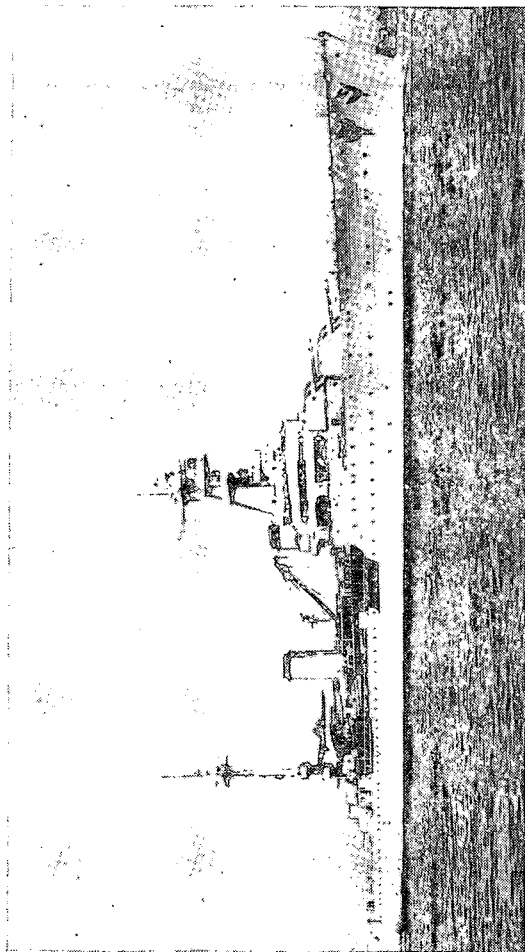
IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruiser  
SUFFREN



Heavy Cruiser SUFFREN

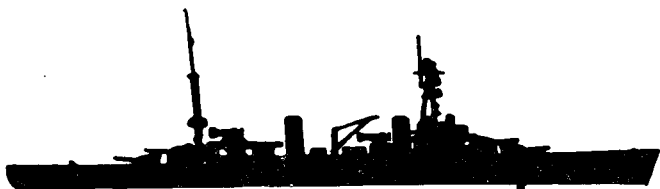
FRENCH  
NAVY



Heavy Cruiser TOURVILLE

IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruisers  
TOURVILLE CLASS  
(2 ships)

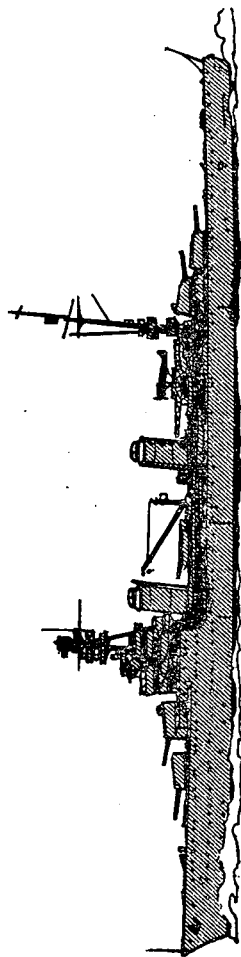


Heavy Cruisers DUQUESNE and TOURVILLE

*Not under French control*  
DUQUESNE  
TOURVILLE

|                |                                                                                                                                                                        |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description:   | Displacement, 10,000 tons (standard).<br>Length, 626 $\frac{2}{3}$ feet (over all).<br>Beam, 62 $\frac{1}{3}$ feet.<br>Draft, 23 feet (maximum).<br>Speed, 33.7 knots. |
| Guns:          | 8 8-inch.<br>8 3-inch AA.<br>8 37-mm AA.<br>12 caliber .50 AA MG.                                                                                                      |
| Torpedo tubes: | 6 21.7-inch (in triple mountings above water).                                                                                                                         |
| Aircraft:      | 2.                                                                                                                                                                     |
| Catapult:      | 1.                                                                                                                                                                     |

FRENCH  
NAVY

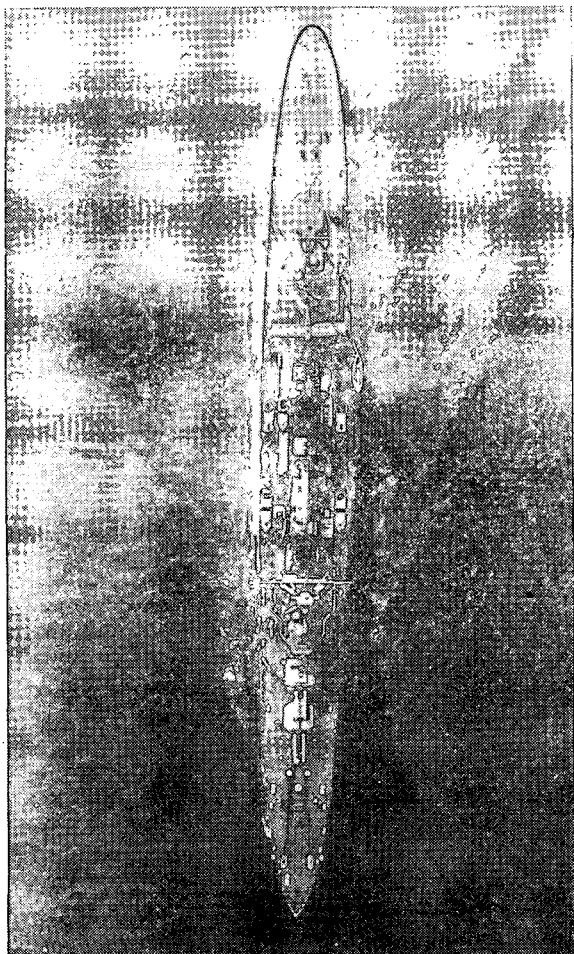


Heavy Cruisers TOURVILLE CLASS



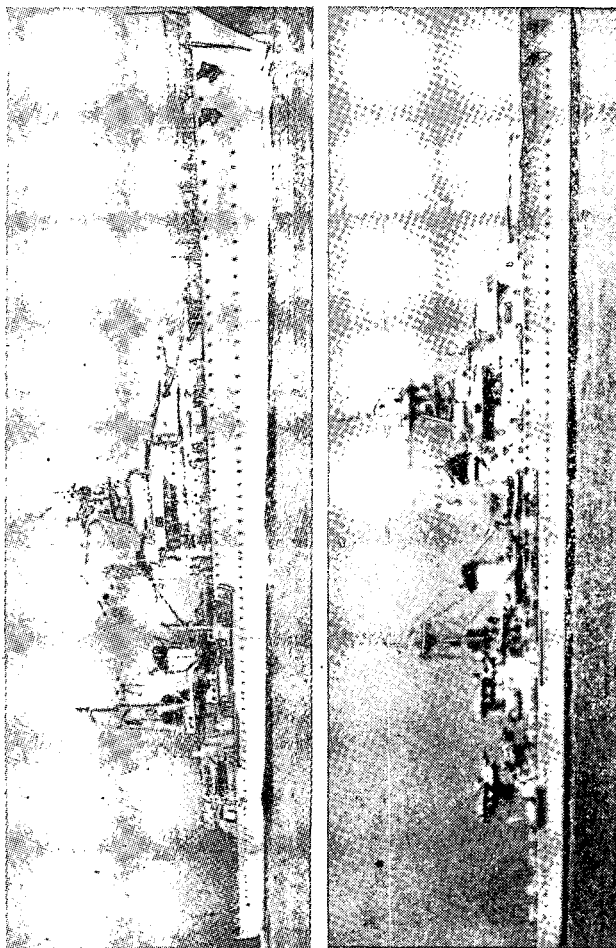
IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruisers  
TOURVILLE CLASS



Heavy Cruiser DUQUESNE

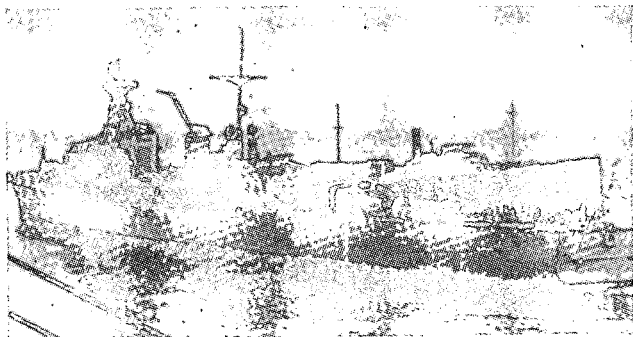
FRENCH  
NAVY



Light Cruiser LA GALISSONNIÈRE (upper) and GEORGES LEYGUES (lower)

## IDENTIFICATION OF FRENCH NAVAL VESSELS

### Light Cruisers LA GALISSONNIÈRE CLASS (6 ships)



Light Cruiser JEAN DE VIENNE (note square stern)



Light Cruisers of LA GALISSONNIÈRE CLASS

*Under French control*  
MARSEILLAISE  
GLOIRE  
MONTCALM  
GEORGES LEYGUES  
JEAN DE VIENNE  
LA GALISSONNIÈRE

Description: Displacement, 7,600 tons (standard).  
Length, 580 $\frac{3}{4}$  feet (over all).  
Beam, 57 $\frac{1}{3}$  feet.  
Draft, 17 $\frac{1}{3}$  feet (maximum).  
Speed, 31 knots.

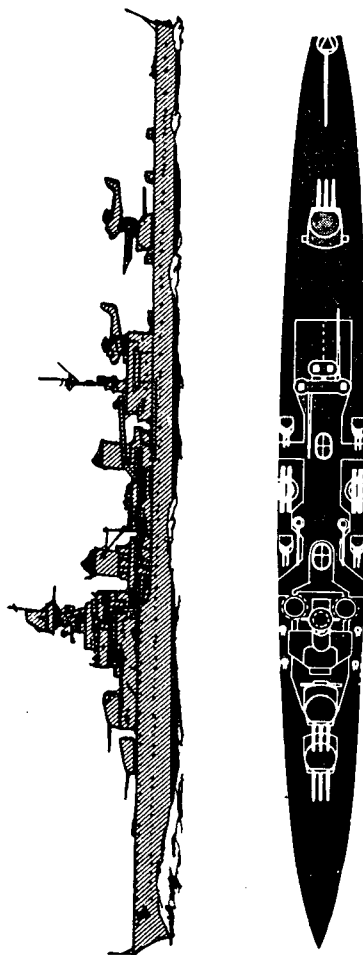
Guns: 9 6-inch.  
8 3.5-inch AA.  
12 caliber .50 AA MG.

Torpedo tubes: 4 21.7-inch.

Aircraft: 4.

Catapult: 1 (mounted on after turret).

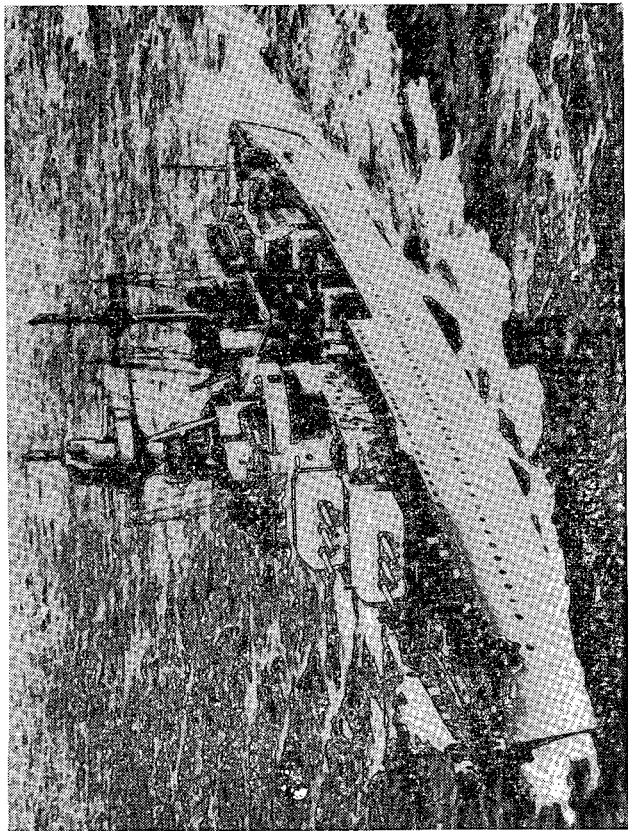
FRENCH  
NAVY



Light Cruisers LA GALISSONNIÈRE CLASS

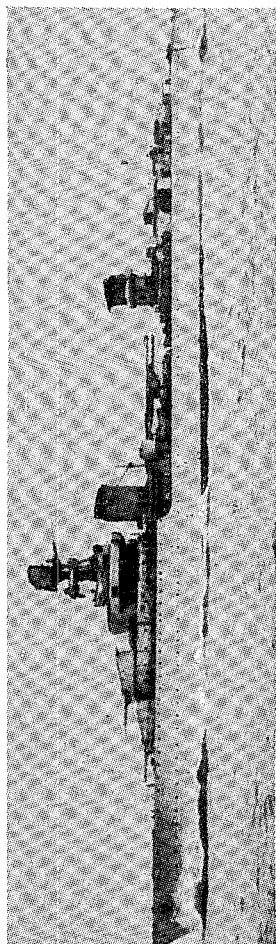
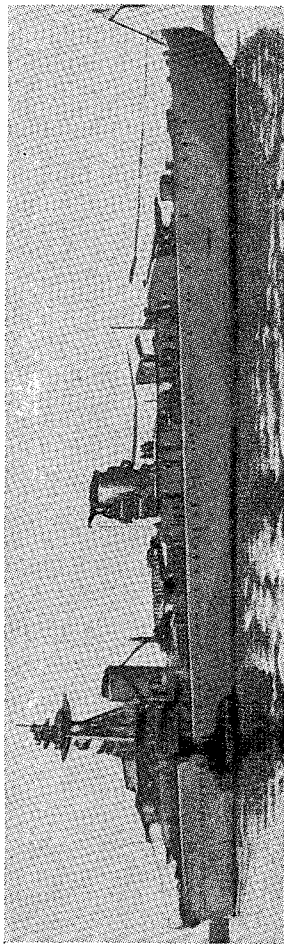
# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Light Cruisers LA GALISSONNIÈRE CLASS



Light Cruiser GEORGES LEYGUES

FRENCH  
NAVY



Light Cruiser-Mine Layer EMILE BERTIN

## IDENTIFICATION OF FRENCH NAVAL VESSELS

### Light Cruiser (Mine Layer) EMILE BERTIN



Light Cruiser-Mine Layer EMILE BERTIN

*Under French control*  
EMILE BERTIN

Description: Displacement, 5,886 tons (standard).  
Length, 580 $\frac{3}{4}$  feet (over all).  
Beam, 51 $\frac{3}{4}$  feet.  
Draft, 17 $\frac{3}{4}$  feet (maximum).  
Speed, 34 knots.

Guns: 9 6-inch.  
4 3.5-inch AA.  
4 37-mm AA.  
6 caliber .50 AA MG.

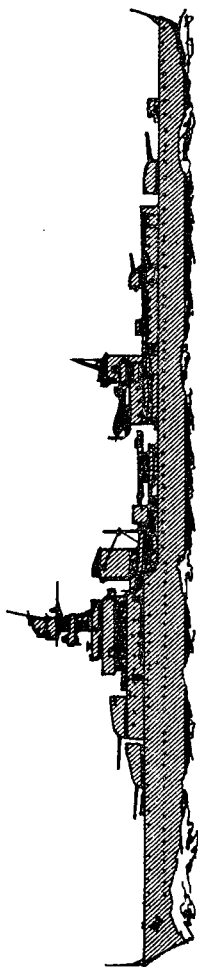
Torpedo tubes: 6 21.7-inch (tripled).

Aircraft: 2.

Catapults: 1.

Mines: 200 (unofficial).

FRENCH  
NAVY



Light Cruiser-Mine Layer EMILE BERTIN



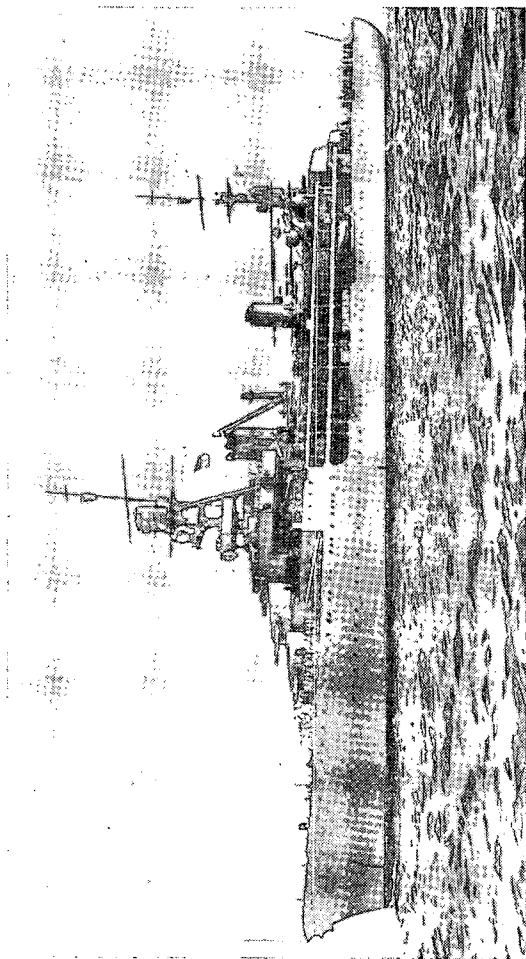
IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Cruiser (Mine Layer)  
EMILE BERTIN



Light Cruiser-Mine Layer EMILE BERTIN

FRENCH  
NAVY



Light Training Cruiser JEANNE D'ARC

IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Training Cruiser  
JEANNE D'ARC



Light Training Cruiser JEANNE D'ARC

*Under French control*  
JEANNE D'ARC

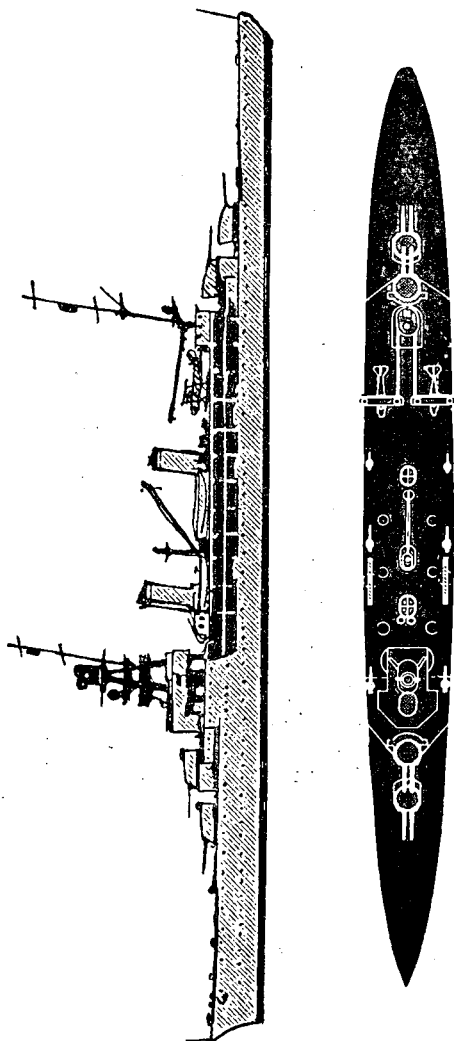
Description: Displacement, 6,496 tons (standard).  
Length, 557 $\frac{3}{4}$  feet (over all).  
Beam, 57 $\frac{1}{2}$  feet.  
Draft, 20 $\frac{2}{3}$  feet (maximum).  
Speed, 28 knots.

Guns: 8 6.1-inch.  
4 3-inch AA.  
6 37-mm AA.

Torpedo tubes: 2 21.7-inch.

Aircraft: 2 (handled by crane).

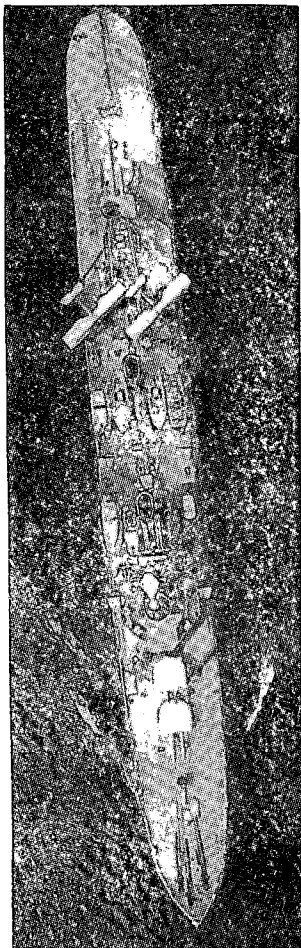
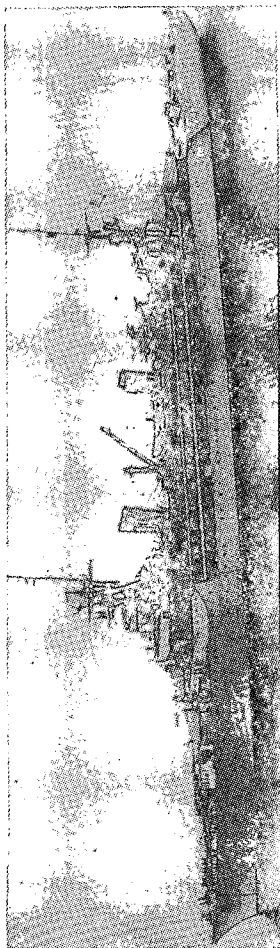
FRENCH  
NAVY



Light Training Cruiser JEANNE D'ARC

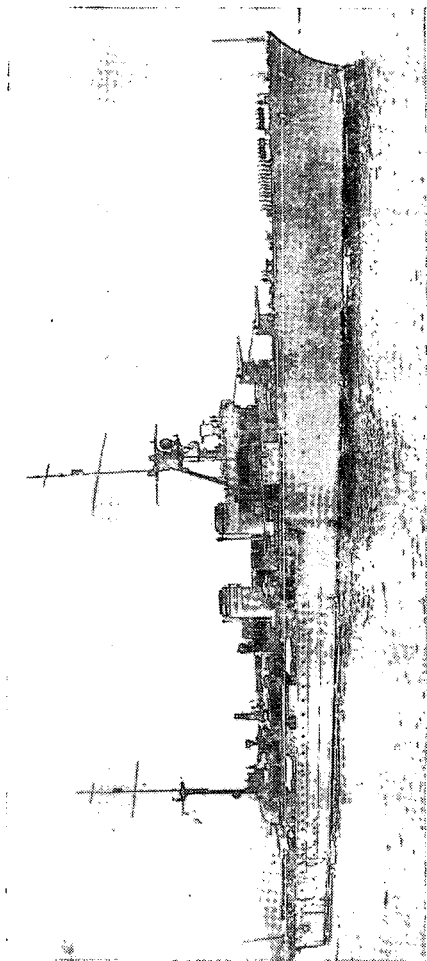
IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Training Cruiser  
JEANNE D'ARC



Light Training Cruiser JEANNE D'ARC

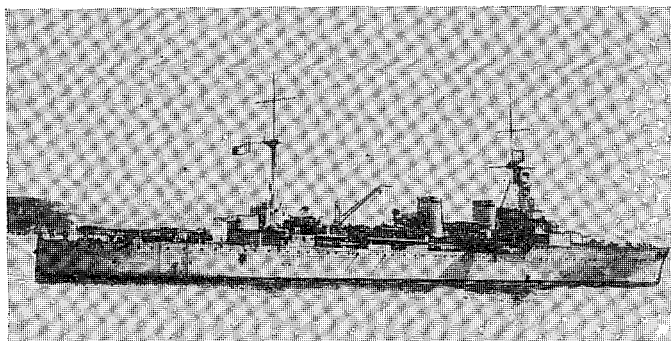
FRENCH  
NAVY



Light Cruiser DUGUAY-TROUIN

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Light Cruisers DUGUAY-TROUIN CLASS (3 ships)



Light Cruiser LAMOTTE-PICQUET

*Under French control*

PRIMAUGUET

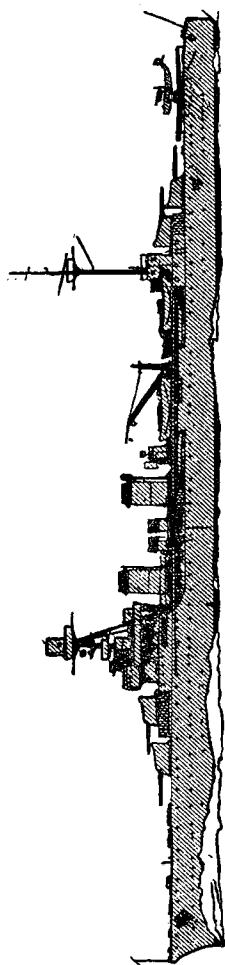
LAMOTTE-PICQUET

*Not under French control*

DUGUAY-TROUIN

|               |                                            |
|---------------|--------------------------------------------|
| Description:  | Displacement, 7,249 tons (standard).       |
|               | Length, 594 $\frac{3}{4}$ feet (over all). |
|               | Beam, 57 $\frac{1}{2}$ feet.               |
|               | Draft, 20 $\frac{2}{3}$ feet (maximum).    |
|               | Speed, 34 knots.                           |
| Guns:         | 8 6.1-inch.                                |
|               | 4 3-inch AA.                               |
|               | 4 caliber .50 AA MG.                       |
| Torpedo tubes | 12 21.7-inch (tripled, above water).       |
| Aircraft:     | 2.                                         |
| Catapult:     | 1 (mounted on quarter-deck).               |

FRENCH  
NAVY

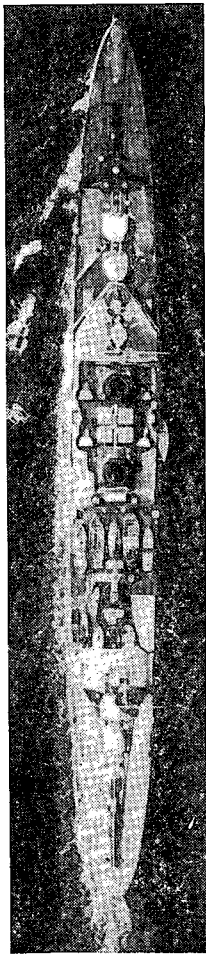
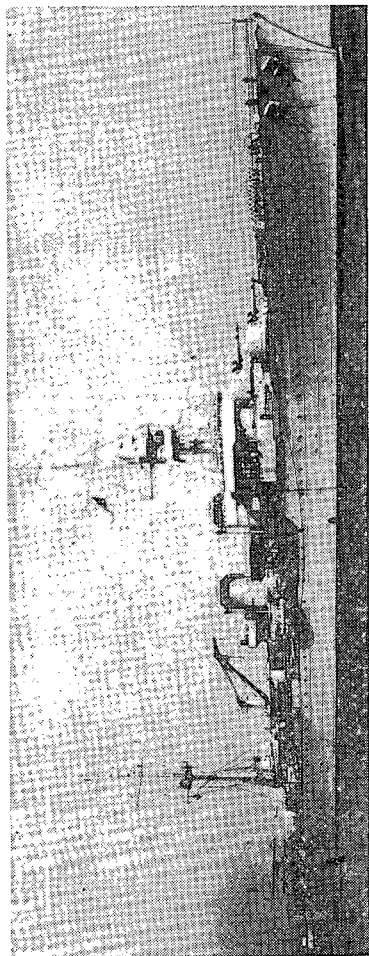


Light Cruisers DUGUAY-TROUIN CLASS



IDENTIFICATION OF FRENCH NAVAL VESSELS

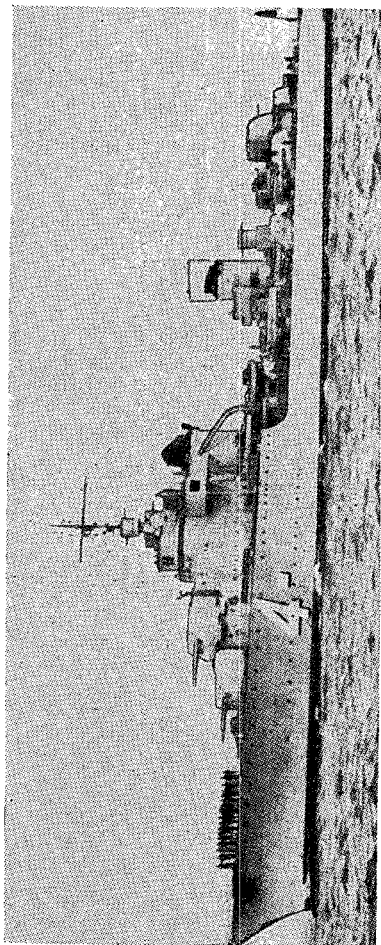
Light Cruisers  
DUGUAY-TROUIN CLASS



Light Cruiser PRIMAUGUET

MILITARY INTELLIGENCE

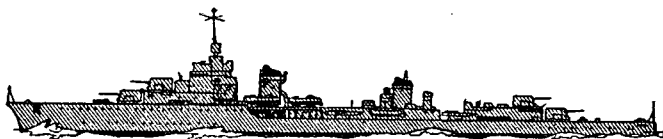
FRENCH  
NAVY



Destroyer Leader MOGADOR

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Destroyer Leaders MOGADOR CLASS



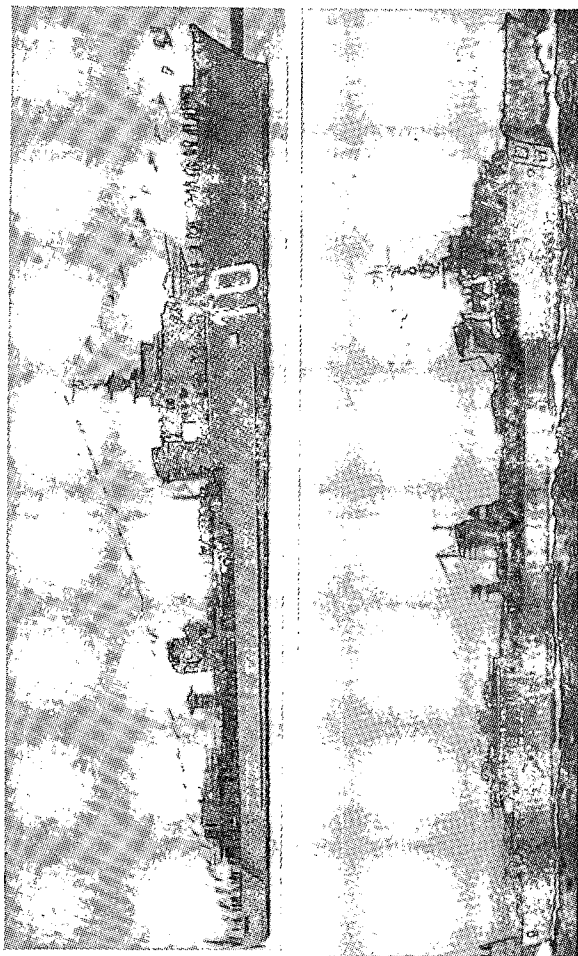
*Under French control*  
**MOGADOR**  
**VOLTA**

**Description:** Displacement, 2,884 tons (standard).  
Dimensions, 451 by 41 by  $14\frac{3}{4}$  feet (mean).  
Speed, 38 knots.

**Guns:** 8 5.4-inch.  
2 37-mm AA.  
6 caliber .50 AA MG.

**Torpedo tubes:** 10 21.7-inch (2 triple mounts and 2 pairs).

FRENCH  
NAVY



Destroyer Leaders LE FANTASQUE (upper) and LE TRIOMPHANT (lower)

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Destroyer Leaders FANTASQUE CLASS



*Under French control*

LE MALIN

L'INDOMPTABLE

LE TERRIBLE

L'AUDACIEUX (damaged)

LE FANTASQUE

*Not under French control*

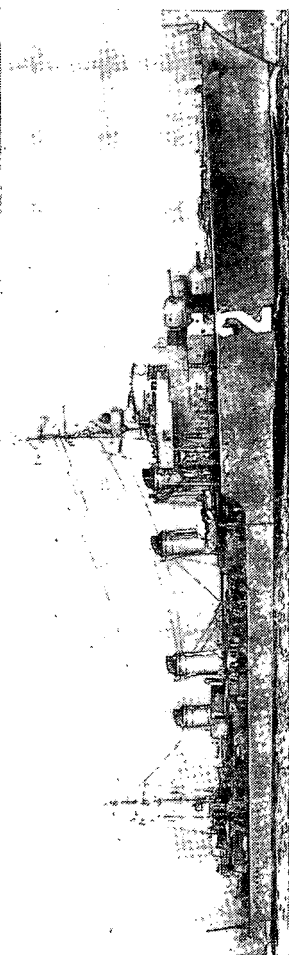
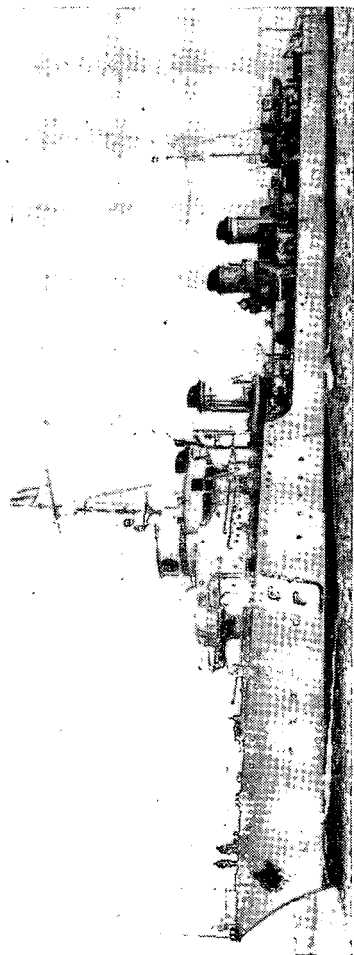
LE TRIOMPHANT

Description: Displacement, 2,569 tons (standard).  
Dimensions, 434½ by 39½ by 14 feet.  
Speed, 37 knots.

Guns: 5 5.4-inch.  
4 37-mm AA.  
6 caliber .50 AA MG.

Torpedo tubes: 9 21.7-inch (tripled).

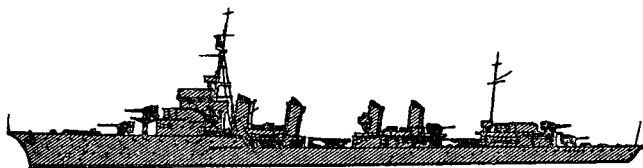
FRENCH  
NAVY



Destroyer Leaders VAUQUELIN (upper) and ALBATROS (lower)

## IDENTIFICATION OF FRENCH NAVAL VESSELS

### Destroyer Leaders AIGLE CLASS



NOTE.—Stern should appear as in GUÉPARD CLASS.

*Under French control*

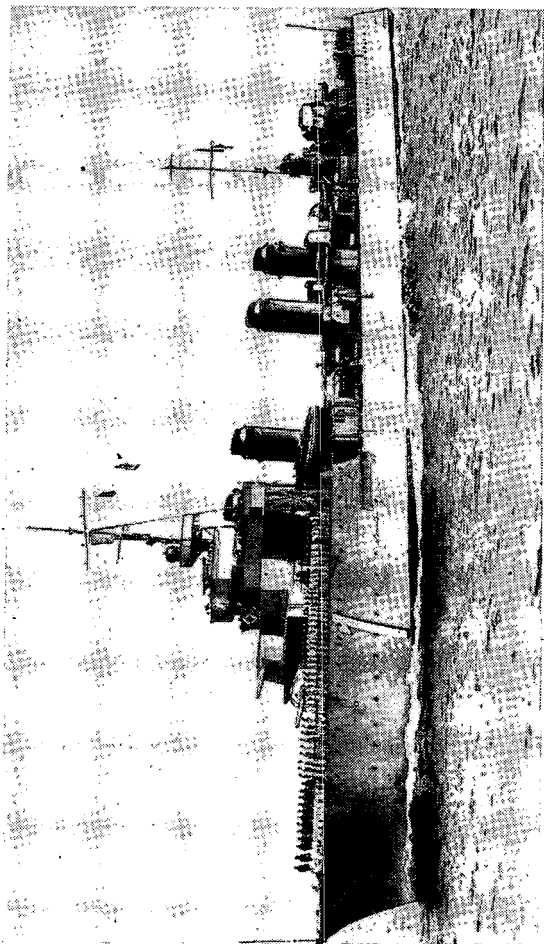
KERSAINT  
VAUQUELIN  
MILAN  
EPERVIER  
TARTU  
CASSARD  
GERFAUT  
VAUTOUR  
AIGLE  
ALBATROS

Description: Displacement, 2,441 tons (standard).  
Dimensions, 423¼ by 40 by 16 feet.  
Speed, 36 knots.

Guns: 5 5.4-inch.  
1 3-inch AA.  
4 37-mm AA.  
4 caliber .50 AA MG.

Torpedo tubes: 7 21.7-inch (6 in last four).

FRENCH  
NAVY

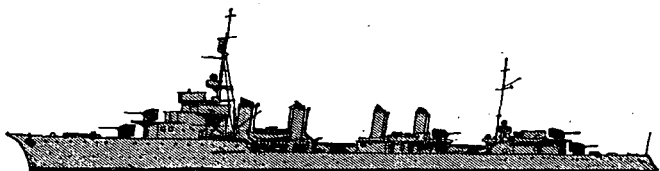


Destroyer Leader VERDUN



## IDENTIFICATION OF FRENCH NAVAL VESSELS

### Destroyer Leaders GUÉPARD CLASS



*Under French control*  
LION  
VAUBAN  
VERDUN  
VALMY (damaged)  
GUÉPARD (damaged)

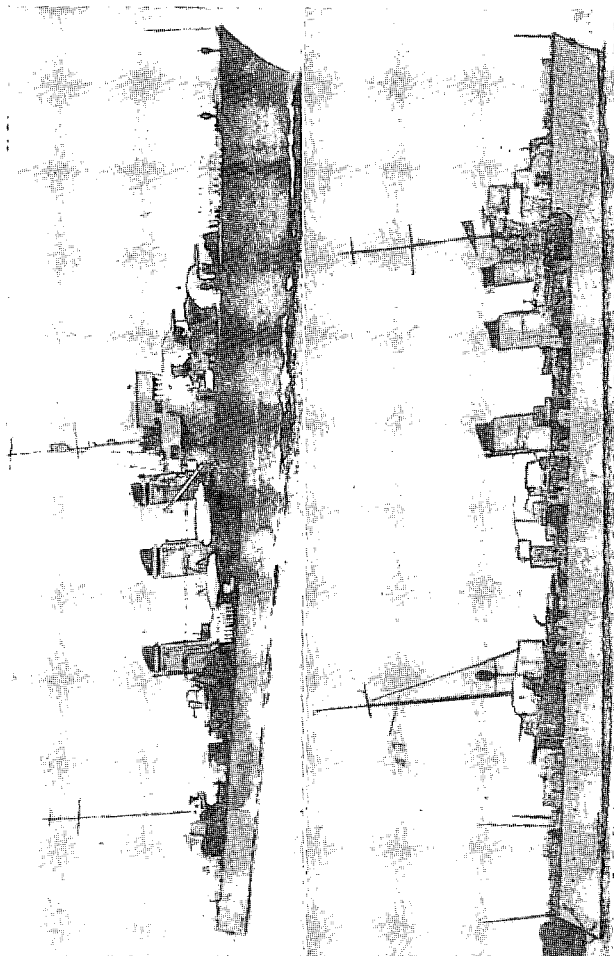
Description: Displacement, 2,436 tons (standard).  
Dimensions, 427 by 39 by 15 $\frac{3}{4}$  feet.  
Speed, 35.5 knots.

Guns: 5 5.4-inch.  
4 37-mm AA.

Torpedo tubes: 6 21.7-inch.

Appearance note: Close resemblance to ships of AIGLE CLASS.

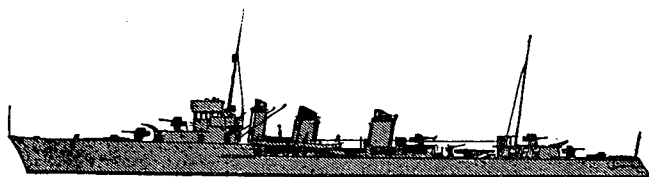
FRENCH  
NAVY



Destroyer Leaders LYNX (upper) and LÉOPARD (lower)

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Destroyer Leaders TIGRE CLASS



*Under French control*

LYNX

PANTHÈRE

TIGRE

*Not under French control*

LÉOPARD

|                |                                               |
|----------------|-----------------------------------------------|
| Description:   | Displacement, 2,126 tons (standard).          |
|                | Dimensions, 416 by 37½ by 17⅓ feet (maximum). |
|                | Speed, 35.5 knots.                            |
| Guns:          | 5 5.1-inch.                                   |
|                | 2 3-inch AA.                                  |
|                | 8 caliber .50 AA MG.                          |
| Torpedo tubes: | 6 21.7-inch.                                  |

MILITARY INTELLIGENCE

FRENCH  
NAVY

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Destroyers LE HARDI CLASS



*Under French control*

CASQUE

LE HARDI

LANSQUENET

MAMELUCK

L'ADROIT (EX EPÉE)

FOUDROYANT (EX FLEURET)

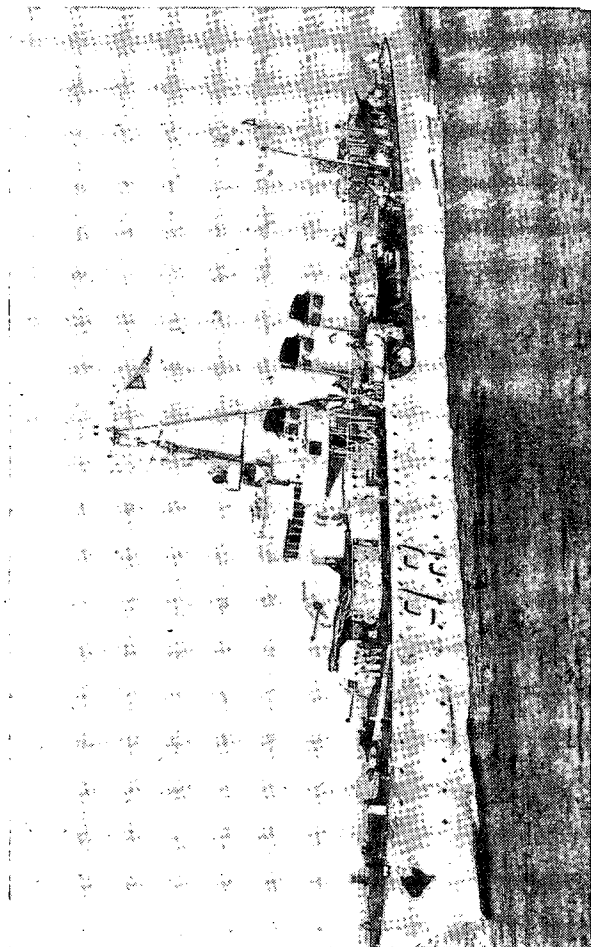
SIROCO (EX LE CORSAIRE)

BISON (EX LE FLIBUSTIER)

- Description: Displacement, 1,772 tons (standard).  
Dimensions, 333  $\frac{1}{3}$  by 32  $\frac{1}{2}$  by 11 feet (mean).  
Speed, 35 knots.
- Guns: 6 5.1-inch.  
4 37-mm AA.  
4 caliber .50 AA MG.
- Torpedo tubes: 7 21.7-inch.

MILITARY INTELLIGENCE

FRENCH  
NAVY



Destroyer FORBIN

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Destroyers ALCYON CLASS



### *Under French control*

FRONDEUR  
BORDELAIS  
FOUGUEUX  
ALCYON  
BOULONNAIS  
BRESTOIS  
LE MÂRS  
LA PALME

### *Not under French control*

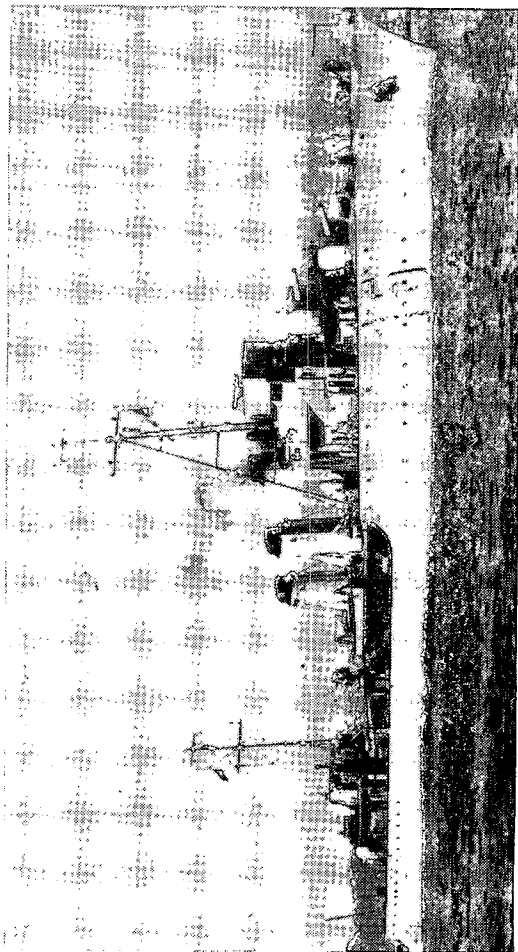
BASQUE  
FORBIN  
LE FORTUNÉ

Description: Displacement, 1,378 tons (standard).  
Dimensions, 330.9 by 32¼ by 9½ feet.  
Speed, 33 knots.

Guns: 4 5.1-inch.  
2 37-mm AA on FRONDEUR, BORDELAIS,  
FOUGUEUX, ALCYON, BASQUE and  
FORBIN.  
1 3-inch AA on BOULONNAIS, BRESTOIS,  
LE MÂRS, LA PALME, and LE FOR-  
TUNÉ.

Torpedo tubes: 6 21.7-inch.

FRENCH  
NAVY

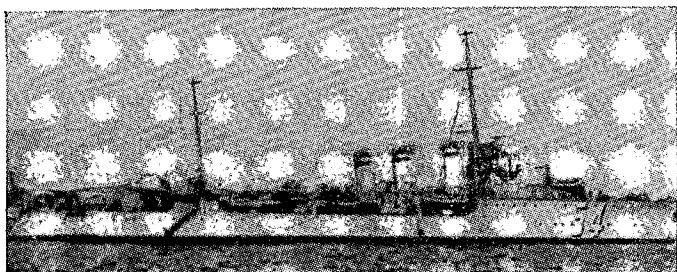


Destroyer OURAGAN

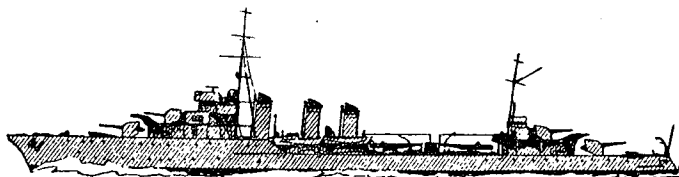


# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Destroyers SIMOUN CLASS



Destroyer SIMOUN



### *Under French control*

TORNADE  
TYPHON  
TROMBE  
TEMPÊTE  
SIMOUN  
TRAMONTANE

### *Not under French control*

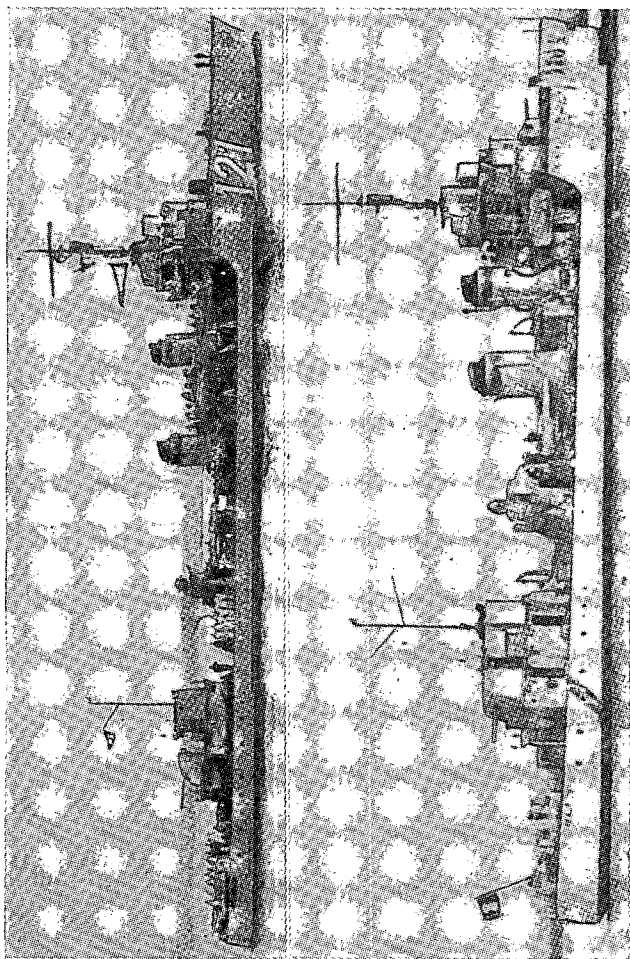
MISTRAL  
OURAGAN

Description: Displacement, 1,319 tons (standard).  
Dimensions, 347 by 33 by 13¾ feet.  
Speed, 33 knots.

Guns: 4 5.1-inch.  
1 3-inch AA.  
2 37-mm AA.

Torpedo tubes: 6 21.7-inch (tripled).

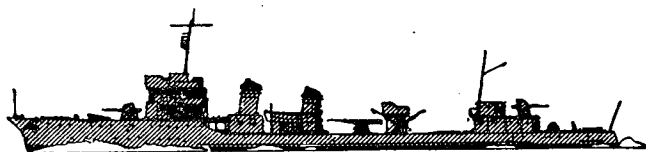
FRENCH  
NAVY



Destroyers LA POMONE (upper) and LA FLORE (lower)

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Destroyers (Torpedo Boats) LA POMONE CLASS



### *Under French control*

LA BAYONNAISE

BALISTE

LA POURSUIVANTE

BOMBARDE

LA POMONE

L'IPHIGENIE

### *Not under French control*

BOUCLIER

L'INCOMPRISE

LA CORDÉLIÈRE

LA MELPOMÈNE

LA FLORE

Description: Displacement, 610 tons (standard).  
 Dimensions, 264¾ by 26 by 9¼ feet (mean).  
 Speed, 34.5 knots.

Guns: 2 3.9-inch.  
 2 37-mm AA.  
 4 caliber .50 AA MG.

Torpedo tubes: 2 21.7-inch.

MILITARY INTELLIGENCE

Submarines  
AURORE CLASS  
(Recent construction)

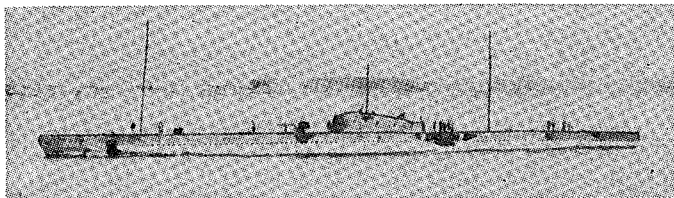
*Under French control*  
AURORE

*Not under French control*  
LA CREOLE

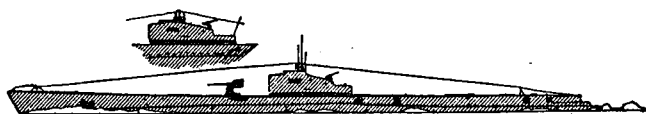
Description: Displacement, 805 tons (standard).  
Dimensions, 241 by 21  $\frac{1}{3}$  by 11  $\frac{1}{2}$  feet.  
Speed, 15 knots, surface; 9 knots, submerged.  
Guns: 1 3.9-inch.  
Torpedo tubes: 8 21.7-inch.

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Submarines REDOUTABLE CLASS



MONGE



Pascal type (REDOUTABLE, VENGEUR, as part sketch)

### *Under French control*

\*SIDI-FERRUCH  
\*BEVEZIER  
\*CASABLANCA  
\*LE TONNANT  
\*LE CONQUERANT  
\*LE CENTAURE  
\*LE HÉROS  
\*LE GLORIEUX  
\*PÉGASE  
MONGE

ARGO  
ARCHIMEDE  
L'ESPOIR  
ACHERON  
ACTÉON  
FRESNEL  
PASCAL  
HENRI POINCARÉ  
REDOUTABLE  
VENGEUR

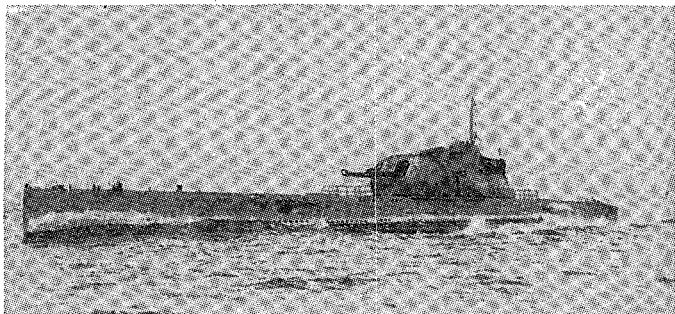
*Not under French control*  
PROTÉE

Description: Displacement, 1,379 tons (standard).  
Dimensions, 302½ by 27 by 16 feet.  
Speed, 17 knots, surface; \*18 knots, surface;  
10 knots, submerged.

Guns: 1 3.9-inch.  
1 37-mm AA.  
1 caliber .50 AA MG.

Torpedo tubes: 11 21.7-inch.

Submarine  
SURCOUF



SURCOUF

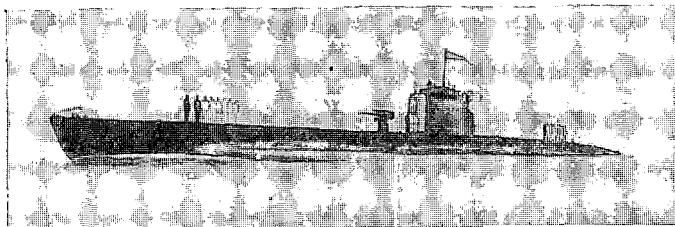


*Not under French control*  
SURCOUF

|                |                                                |
|----------------|------------------------------------------------|
| Description:   | Displacement, 2,880 tons (standard).           |
|                | Dimensions, 361 by 29½ by 23½ feet.            |
|                | Speed, 18 knots, surface; 10 knots, submerged. |
| Guns:          | 2 8-inch.                                      |
|                | 2 37-mm AA.                                    |
|                | 4 caliber .50 AA MG.                           |
| Torpedo tubes: | 10 21.7-inch.                                  |
| Aircraft:      | 1.                                             |

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Submarines REQUIN CLASS



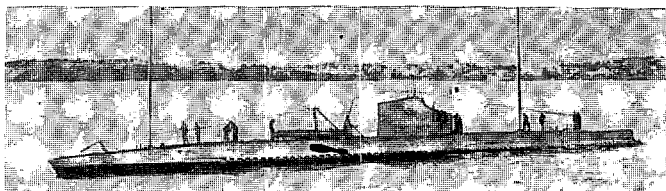
REQUIN



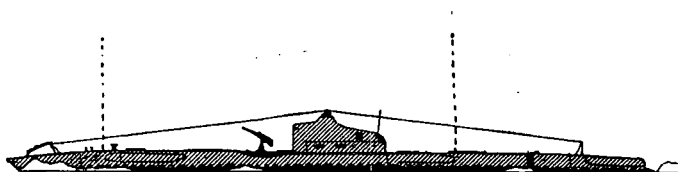
*Under French control*  
CAÏMAN  
PHOQUE  
DAUPHIN  
ESPADON  
MARSOUIN  
REQUIN

- Description:** Displacement, 974 tons (standard).  
Dimensions, 257½ (p/p) by 23 by 17¾ feet.  
Speed, 16 knots, surface; 10 knots, submerged.
- Guns:** 1 3.9-inch.  
2 caliber .50 AA MG.
- Torpedo tubes:** 10 21.7-inch (4 bow and 2 stern submerged;  
4 above water before and abaft con-  
ning tower).

Submarines  
DIANE CLASS—Part I  
(Coastal Type)



ATALANTE



*Under French control*

Length, beam, draft: 211 by 20 by 13¾ feet.

VÉNUS, 597 tons.

IRIS, 597 tons.

LA SYBILLE, 571 tons.

LA PSYCHÉ, 571 tons.

AMAZONE, 571 tons.

ORÉADE, 571 tons.

AMPHITRITE, 571 tons.

ANTIOPE, 571 tons.

DIANE, 571 tons.

MÉDUSE, 571 tons.

ORPHÉE, 571 tons.

LA SULTANE, 565 tons.

LA VESTALE, 565 tons.

Length, beam, draft:

221 by 18½ by 15 feet.

CÉRÈS, 597 tons.

PALLAS, 597 tons.

Length, beam, draft:

208 by 21 by 13¾ feet.

ARÉTHUSE, 565 tons.

ATALANTE, 565 tons.

ARGONAUTE, 565 tons.

Description: Speed, 14 knots, surface; 9 knots, submerged.

Guns: 1 3-inch AA.  
1 caliber .50 AA MG.

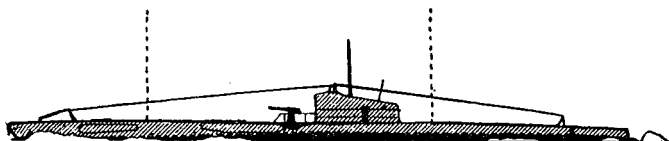
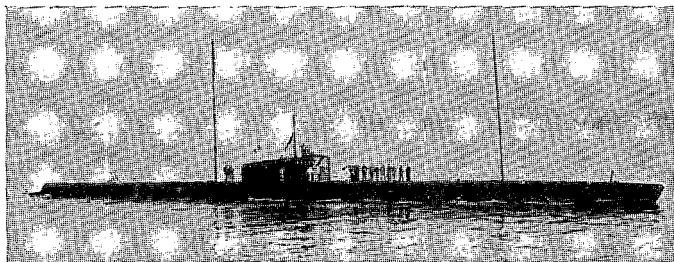
Torpedo tubes: 8 21.7-inch  
(7 21.7-inch and  
2 15.7-inch VÉNUS, IRIS, CÉRÈS, and  
PALLAS).



# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Submarines DIANE CLASS—Part II (Coastal Type)

(Part I and part II differ only in minor details.)



### *Not under French control*

Length, beam, draft:  
211 by 20 by 13¾ feet.

JUNON, 597 tons.

MINERVE, 597 tons.

Length, beam, draft:  
219 by 22 by 15 feet.

ONDINE, 558 tons.

ORION, 558 tons.

Description: Speed, 14 knots, surface; 9 knots, submerged.

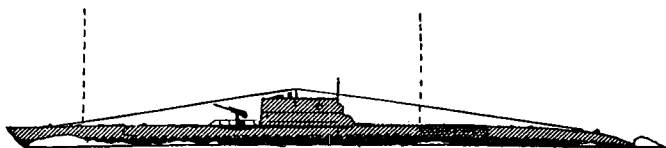
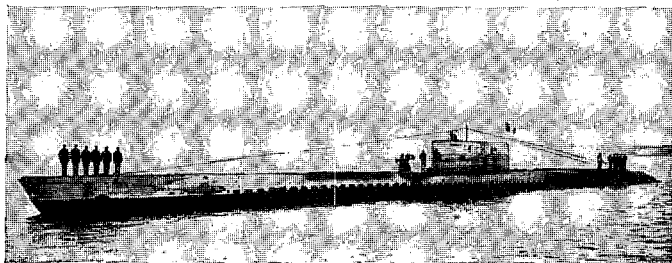
Guns: 1 3-inch AA.  
1 caliber .50 AA MG.

Torpedo tubes: 8 21.7-inch on ONDINE and ORION;  
7 21.7-inch and  
2 15.7-inch on JUNON and MINERVE.

MILITARY INTELLIGENCE

Submarines  
SIRÈNE CLASS—Part I  
(Coastal Type)

(Part I and part II differ only in minor details.)



SIRÈNE GROUP

*Under French control*  
SIRÈNE  
GALATÉE  
NAIÁDE

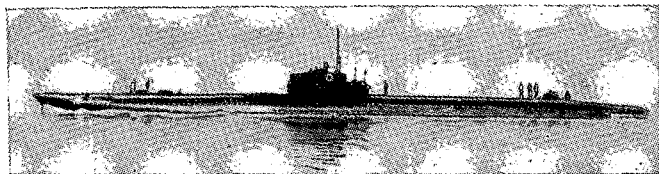
Description: Displacement, 548 tons.  
Dimensions 210 (p/p) by 21 by 14¾ feet.  
Speed, 14 knots, surface; 7.5 knots, submerged.

Guns: 1 3.9-inch AA.  
2 caliber .50 AA MG.

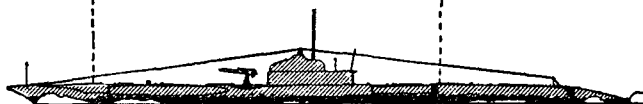
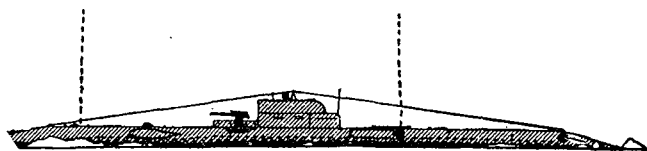
Torpedo tubes: 7 21.7-inch.

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## Submarines SIRÈNE CLASS—Part II (Coastal Type)



ARIANE



CIRCÉ

### ARIANE GROUP

#### *Under French control*

Group No. 1

CIRCÉ

CALYPSO

THETIS

Group No. 2

ARIANE

DANÄE

EURYDICE

Description:

Group No. 1—

Displacement, 552 tons.

Dimensions, 204½ (p/p) by 21⅓ by 12¾ feet,

Speed (surface), 14 knots; (submerged),  
7.5 knots.

Group No. 2—

Displacement, 576 tons.

Dimensions, 216½ by 20⅓ by 13½ feet.

Speed (surface), 14 knots; (submerged),  
7.5 knots.

Guns:

1 3.9-inch.

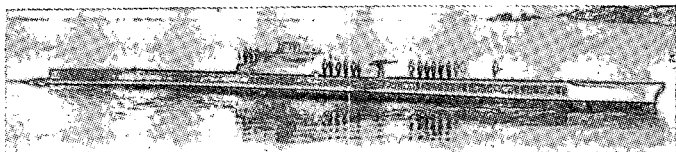
2 caliber .50 AA MG.

Torpedo tubes:

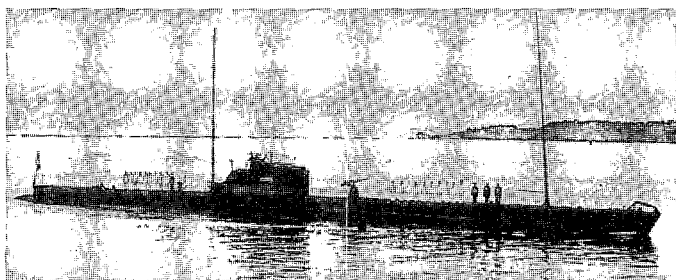
7 21.7-inch.

## MILITARY INTELLIGENCE

### Submarines (Mine Layers) SAPHIR CLASS



TURQUOISE



RUBIS



SAPHIR CLASS

*Under French control*

PERLE

DIAMANT

NAUTILUS

SAPHIR

TURQUOISE

*Not under French control*

RUBIS

Description: Displacement, 669 tons (standard).  
Dimensions, 216½ by 23⅔ by 16 feet.  
Speed (surface), 12 knots; (submerged), 9 knots.

Guns: 1 3-inch AA.

Torpedo tubes: 5 21.7-inch.

32 mines stowed in outer ballast tanks.

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## APPENDIX I

### LIST OF SHIPS

#### *Under French Control*

|                           |                                      |
|---------------------------|--------------------------------------|
| <b>Battleships:</b>       | <b>Destroyer leaders.—Continued.</b> |
| Richelieu (damaged)       | Vauquelin                            |
| Jean Bart                 | Milan                                |
| (77 percent completed)    | Epervier                             |
| Dunkerque (damaged)       | Tartu                                |
| Strasbourg                | Cassard                              |
| Provence                  | Gerfaut                              |
| <b>Aircraft carrier:</b>  | Vautour                              |
| Béarn                     | Aigle                                |
| <b>Seaplane tender:</b>   | Albatros                             |
| Commandant Teste          | Lion                                 |
| <b>Heavy cruisers:</b>    | Vauban                               |
| Algérie                   | Verdun                               |
| Dupleix                   | Valmy (damaged)                      |
| Foch                      | Guépard (damaged)                    |
| Colbert                   | Lynx                                 |
| <b>Light cruisers:</b>    | Panthère                             |
| Marseillaise              | Tigre                                |
| Gloire                    | <b>Destroyers:</b>                   |
| Montcalm                  | Casque                               |
| Georges Leygues           | Le Hardi                             |
| Jean De Vienne            | Lansquenet                           |
| La Galissonnière          | Mameluck                             |
| Emile Bertin              | L'Adroit                             |
| Jeanne D'Arc              | Foudroyant                           |
| Primauguet                | Siroco                               |
| Lamotte-Picquet           | Bison                                |
| <b>Destroyer leaders:</b> | Frondeur                             |
| Mogador                   | Bordelais                            |
| Volta                     | Fougueux                             |
| Le Malin                  | Alcyon                               |
| L'Indomptable             | Boulonnais                           |
| Le Terrible               | Brestois                             |
| L'Audacieux (damaged)     | Le Mârs                              |
| Le Fantasque              | La Palme                             |
| Kersaint                  | Tornado                              |

# MILITARY INTELLIGENCE

## *Under French Control—Continued*

### Destroyers.—Continued.

Typhon  
Trombe  
Tempête  
Simoun  
Tramontane  
La Bayonnaise  
Baliste  
La Poursuivante  
Bombarde  
La Pomone  
L'Iphigénie

### Submarines:

Sidi-Ferruch  
Beveziers  
Casablanca  
Le Tonnant  
Le Conquerant  
Le Centaure  
Le Héros  
Le Glorieux  
Pégase  
Monge  
Argo  
Archimède  
L'Espoir  
Acheron  
Actéon  
Fresnel  
Pascal  
Henri Poincaré  
Redoutable  
Vengeur  
Caïman  
Phoque  
Dauphin  
Espadon

### Submarines—Continued.

Marsouin  
Requin  
Vénus  
Iris  
La Sybille  
La Psyché  
Amazone  
Oréade  
Amphitrite  
Antiope  
Diane  
Méduse  
Orphée  
La Sultane  
La Vestale  
Cérès  
Pallas  
Aréthuse  
Atalante  
Argonaute  
Sirène  
Galatée  
Naiade  
Circé  
Calypso  
Thetis  
Ariane  
Danée  
Eurydice  
Perle  
Diamant  
Nautilus  
Saphir  
Turquoise  
Aurore

# IDENTIFICATION OF FRENCH NAVAL VESSELS

## *Not Under French control*

|                    |                       |
|--------------------|-----------------------|
| Battleships:       | Destroyers—Continued. |
| Lorraine           | Mistral               |
| Paris              | Ouragan               |
| Courbet            | Bouclier              |
| Heavy cruisers:    | L'Incomprise          |
| Suffren            | La Cordelière         |
| Duquesne           | La Melpomène          |
| Tourville          | La Flore              |
| Light cruiser:     | Submarines:           |
| Duguay-Trouin      | Protée                |
| Destroyer leaders: | Surcouf               |
| Le Triomphant      | Junon                 |
| Leopard            | Minerve               |
| Destroyers:        | Ondine                |
| Basque             | Orion                 |
| Forbin             | Rubis                 |
| Le Fortuné         | La Creole             |

## APPENDIX II FRENCH NAVAL GUNS

| Caliber<br>(inches) | Model   | Length<br>(cali-<br>bers) | Weight<br>of gun<br>(metric<br>tons) | Weight<br>of<br>projectile<br>(pounds) | Weight<br>of charge<br>(pounds) | Pres-<br>sure<br>(kilo-<br>grams<br>per<br>square<br>centi-<br>meter) | Initial<br>veloc-<br>ity<br>(feet<br>per<br>second) |
|---------------------|---------|---------------------------|--------------------------------------|----------------------------------------|---------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------|
| 13.4                | 1912    | 45                        | 66.3                                 | 1,219                                  | 332                             | 2,800                                                                 | 2,604                                               |
| 13                  | 1933    | 52                        |                                      | 1,188                                  |                                 |                                                                       | 3,480                                               |
| 12                  | 1906-10 | 45                        | 54.02                                | 950                                    | 277                             | 2,400                                                                 | 2,568                                               |
| 8                   | 1924    | 50                        | 20.72                                | 271                                    | 103                             | 2,750                                                                 | 2,788                                               |
| 6.1                 | 1920    | 50                        | 8.53                                 | 123                                    | 43                              | 3,050                                                                 | 2,788                                               |
| 6                   | 1930    | 55                        | 8.13                                 | 119                                    | 37                              | 3,200                                                                 | 2,854                                               |
|                     | 1929    | 50                        | 4.11                                 | 88                                     |                                 |                                                                       | 2,821                                               |
| 5.5                 | 1923    | 40                        | 4.11                                 | 88                                     | 20                              | 2,500                                                                 | 2,296                                               |
|                     | 1910    | 55                        | 5.3                                  | 86                                     | 24                              | 2,500                                                                 | 2,722                                               |
|                     | 1924    | 40                        | 3.87                                 | 70                                     | 18                              | 2,420                                                                 | 2,408                                               |
| 5.1                 | 1919    | 40                        | 4.39                                 | 70                                     | 18                              | 2,420                                                                 | 2,408                                               |
| 3.9                 | 1917    | 45                        | 1.56                                 | 31                                     | 9                               | 2,300                                                                 | 2,362                                               |
| 3.5                 | 1926    | 50                        | 1.60                                 | 21                                     | 7                               | 3,200                                                                 | 2,788                                               |
| 3                   | 1924    | 50                        | 1.09                                 | 13                                     | 4                               | 2,560                                                                 | 2,788                                               |
| 1.5                 | 1925    | 50                        | .16                                  | 1.65                                   | .55                             | 2,400                                                                 | 2,788                                               |

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